



böhlerwelding
by voestalpine

Lasting Connections

GENERAL CATALOGUE
2024/2025
EQUIPMENT FOR MANUAL
AND SEMIAUTOMATIC WELDING

Legend

Symbology



Power supply



Dimensions



Weight



Fuse



Length



IP Protection

X%

Duty cycle

X% CO₂

Duty cycle

X% Ar/CO₂

Duty cycle

P

Active power

S

Reactive power

P.F.

Power factor

I₂

Output current

U_o

No-load voltage



Cooling



Wire speed



Spool diameter



Rolls quantity



Compatible wire
Diameters



Wire feed
Button



Gas test
Button



Push-Pull torch
Compatibility



Wheels Kit
Available



Tank
Capacity

Functions



Industry 4.0
Ready



Easy Arc
Arc dynamic



Synergic programs
Optional



Synergic programs
WPS



Programs
Save and retrieve



Generator-Set
Compatibility



iPanel
For a simple use



DSP
Digital protocols



VRD
Voltage reduction



Validation

Technologies



Processes



MMA



MIG/MAG



TIG



TIG-LIFT



ARC-AIR



PLASMA
CUTTING



GRID MODE



GOUGING

Index

MIG/MAG welding units - Inverter technology	
URANOS 2000 SMC	3
URANOS NX 2200 SMC	5
URANOS NX 2700 SMC	8
TERRA NX 320/400 SMC	12
TERRA NX 320 MSE	17
TERRA NX 400/500 MSE	22
Pulsed MIG/MAG Welding Units - Inverter technology	
URANOS NX 2200 PMC	27
URANOS NX 2700 PMC	30
URANOS NX 3200 PME	34
URANOS NX 4000/5000 PME	39
TERRA NX 320/400 PMC	44
TERRA NX 320 PME	48
TERRA NX 400/500 PME	52
MULTIPROCESS welding units - Inverter technology	
URANOS NX 2200 MTE	56
URANOS NX 2700 MTE	60
URANOS NX 3200 GSM	64
URANOS NX 4000/5000 GSM	69
MIG/MAG Accessories	
Wirefeeder	74
Wirefeeder - Selection guide	76
Wire feeder	77
Wire feeder - Selection guide	86
MIG/MAG torches	87
TIG torches	104
Advanced MIG/MAG welding process	
Advanced Processes	106
Master Software	107
Welding programs	118
WPS Welding Procedure Specification	143
MIG/MAG Systems - Selection guide	145
TIG DC welding units - Inverter technology	
URANOS 1500 TLH	149
URANOS 1800 TLH	151
URANOS NX 2200 TLH	154
URANOS NX 2700 TLH	157
URANOS NX 3200 TLH	160
URANOS NX 4000/5000 TLH	163
TERRA 180 TLH	167
TERRA NX 270 TLH	170
TERRA NX 320/400 TLH	173
TIG AC welding units - Inverter technology	
URANOS NX 1700/2200 AC/DC	176
URANOS NX 2700/3200 AC/DC	180
URANOS NX 4000/5000 AC/DC	184
TIG Accessories	
TIG torches	187
TIG Systems - Selection guide	187

MMA welding units - Inverter technology	
URANOS 1500	203
URANOS 1500 RC	204
URANOS 1500 DP	205
URANOS 1800 RC	206
TERRA 150	208
TERRA 180	209
TERRA 220 RC	210
TERRA 270/350 RC	212
TERRA 500 RC	214
TIG torches (V Series)	216
MMA Systems - Selection guide	218
PLASMA CUTTING units - Inverter technology	
Saber 40 CHP	220
Saber 70 CHP	221
Torches for PLASMA CUTTING	223
PLASMA CUTTING Systems - Selection guide	226
Weld@Net System	
Weld@Net Production Control Monitor NX	227
Weld@Net Production Monitor NX	228
Weld@Net Service Manager NX	229
Weld@Net Service Loader NX	230
Interface	231
Weld@Net System - Selection guide	232
Accessories	
Remote control units	233
Cooling units	237
Power source trolleys	241
Welding accessories	247
Services	
Configuration, assembly and testing	249
Calibration and final testing	249

WELDING PROCESS

- MMA (Electrode)
- TIG DC Lift start
- MIG/MAG short spray manual arc
- MIG/MAG short spray synergic arc
- MIG/MAG brazing

APPLICATIONS

- Light job shop fabrication
- Building sites
- Ordinary maintenance
- Handicraft working
- Chassis
- Workshops
- Sheet metal working

MATERIALS

- Unalloyed steel
- High alloyed steel
- Aluminum alloy



TECHNICAL FEATURES

- "greenWave" inverter technology for high energy efficiency and perfect control over all welding phases
- Heavy duty and enviromental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Reduced dimensions and compact construction
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Linear controlled fan on demand
- Energy-saving inverter technology (built-in P.F.C. - power factor controller)
- Built-in wire feeder unit (2 roll drives)
- Ø 200 mm wire spool compatible
- Welding polarity switch device
- Full digital and user-friendly control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- User-defined welding program storage capability (8 free memory locations)
- Lock-unlock function key protected by password
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Synergic setting for optimal stick welding with multiple types of electrodes
- Reduced electromagnetic interference with lift start TIG welding
- 2/4 step operating mode
- Arc dynamic adjustment
- Perfect arc ignition (soft start - motor slope)
- Burn-back and droplet detachment correction
- Crater filler operating mode
- Synergic operations from databank (19 pre-set programs)
- Wire speed (0,5-16,0 m/min), amperage and piece thickness adjustment
- Spot welding mode
- Intermittent welding mode

Power source

URANOS 2000 SMC			500x210x400mm		12.8kg		IP23S				
		S P	5.7kVA 5.7kW	X%	40°C 40°C 40°C	35% 60% 100%	200A 160A 130A	P.F. 	1 25A	I₂ U_o	5-200A 58V
		S P	4.2kVA 4.2kW	X%	40°C 40°C 40°C	35% 60% 100%	200A 170A 140A	P.F. 	1 20A	I₂ U_o	5-200A 58V
		S P	5.7kVA 5.7kW	X%	40°C 40°C 40°C	35% 60% 100%	180A 150A 115A	P.F. 	1 25A	I₂ U_o	5-180A 58V

Wirefeeder (integrated)

SF 2R-1T		0.5-16m/min	P	40W		0.8-1.0mm . . Included		no		no
		200mm		2		0.6-1.0mm . . Optional				no
						0.8-1.0mm . . Aluminum				
						0.9-1.2mm . . Cored				

CONFIGURATIONS

URANOS 2000 SMC - MIG/MAG welding configuration - Gas

55.05.019	URANOS 2000 SMC 1X230V + MT 150 G TORCH + WORK CABLE
-----------	--

ACCESSORIES

Power source

55.05.019	URANOS 2000 SMC 1X230V + MT 150 G TORCH + WORK CABLE
55.05.01901	URANOS 2000 SMC 1X230V + MT 250 G TORCH + WORK CABLE

Torch

81.05.56638	MT 150 G MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.56639	MT 150 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.05.72767	MT 250 G MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.72783	MT 300 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.32.063	ST 1700 E TIG WELDING TORCH - 4m - AIR COOLED
81.32.064	ST 1700 E TIG WELDING TORCH - 8m - AIR COOLED

Stick electrode holder

71.04.005	STICK ELECTRODE HOLDER 400A - POWER CABLE 25mm ² - L.4m - PLUG 50mm ²
-----------	---

Power source trolley

71.03.082	POWER SOURCE TROLLEY GT 200
71.03.054	TIG RODS HOLDER KIT
71.03.083	POWER SOURCE TROLLEY GT 300

WELDING PROCESS

- MMA (Electrode)
- TIG DC Lift start
- MIG/MAG short spray manual arc
- MIG/MAG short spray synergic arc (URANOS NX 2200 SMC Smart)

MATERIALS

- Unalloyed steel
- High alloyed steel
- Aluminum alloy

APPLICATIONS

- Light job shop fabrication
- Building sites
- Shipyards
- Automobile industry
- Railway industry
- Ordinary maintenance
- Workshops
- Sheet metal working



TECHNICAL FEATURES

- "greenWave" inverter technology for high energy efficiency and perfect control over all welding phases
- Heavy duty and enviromental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Linear controlled fan on demand
- Energy-saving inverter technology (built-in P.F.C. - power factor controller)
- Built-in wire feeder unit (4 Roll drives)
- Wire drive unit fully designed by voestalpine Böhler Welding
- Ø 200/300 mm wire spool compatible
- Welding polarity switch device
- Full digital and user-friendly control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Back-up/Restore automatic
- Lock-unlock function key protected by password
- Complete management of multiple systems on Ethernet
- Software for supervision and full parameter setting of welding operations
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Synergic setting for optimal stick welding with multiple types of electrodes
- Reduced electromagnetic interference with lift start TIG welding
- 2/4 step operating mode
- Arc dynamic adjustment
- Perfect arc ignition (soft start - motor slope)
- Burn-back and droplet detachment correction
- Synergic operations from databank (16 pre-set programs) (URANOS NX 2200 SMC Smart)
- Wire speed (0,5-22,0 m/min)
- Spot welding mode
- Intermittent welding mode
- Bilevel MIG/MAG (URANOS NX 2200 SMC Smart)
- Remote control compatible
- WU cooling unit compatible
- Controlled cooling operations

Power source

URANOS NX 2200 SMC					620x270x460mm		22.4kg		IP23S	
1x230V		S	6.4kVA	X%	40°C	35%	220A	P.F. 0.99 25A	I₂ 3-220A U₀ 92V	
		P	6.4kW		40°C	60%	190A			
					40°C	100%	180A			25°C
1x230V		S	4.9kVA	X%	40°C	40%	220A	P.F. 0.99 20A	I₂ 3-220A U₀ 30V	
		P	4.9kW		40°C	60%	200A			
					40°C	100%	190A			25°C
1x230V		S	5.6kVA	X%	40°C	60%	180A	P.F. 0.99 25A	I₂ 3-180A U₀ 65V	
		P	5.6kW		40°C	100%	170A			
					25°C	100%	180A			

Wirefeeder (integrated)

URANOS NX 2200 SMC Classic

SL 4R-2T		0.5-22m/min	P	90W		0.8-1.0mm . . Included		yes		no
		200/300mm		4		0.6-1.6mm . . Optional		yes		no
						0.8-1.6mm . . Aluminum				
						0.9-1.6mm . . Cored				

URANOS NX 2200 SMC Smart

SL 4R-2T		0.5-22m/min	P	90W		0.8-1.0mm . . Included		yes		no
		200/300mm		4		0.6-1.6mm . . Optional		yes		no
						0.8-1.6mm . . Aluminum				
						0.9-1.6mm . . Cored				

Cooling unit

WU 232		1x230/400Vac	P	1.0kW		660x240x220mm		13.4kg		3.0l
--------	---	--------------	----------	-------	---	---------------	---	--------	---	------

CONFIGURATIONS

URANOS NX 2200 SMC Classic - MIG/MAG welding configuration - Gas

55.05.024	URANOS NX 2200 SMC CLASSIC 1x230V
81.05.72783	MT 300 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m

URANOS NX 2200 SMC Smart - MIG/MAG welding configuration - Gas

55.05.025	URANOS NX 2200 SMC SMART 1x230V
81.05.72783	MT 300 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m

URANOS NX 2200 SMC Classic - MIG/MAG welding configuration - Water

55.05.024	URANOS NX 2200 SMC CLASSIC 1x230V
71.03.074	COOLING UNIT WU 232
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m

URANOS NX 2200 SMC Smart - MIG/MAG welding configuration - Water

55.05.025	URANOS NX 2200 SMC SMART 1x230V
71.03.074	COOLING UNIT WU 232
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m

ACCESSORIES

Power source

55.05.024	URANOS NX 2200 SMC CLASSIC 1x230V
55.05.025	URANOS NX 2200 SMC SMART 1x230V

Wirefeeder

07.01.512	UPGRADE KIT FROM 4 ROLLS (2 ROLLS DRIVE) TO 4 ROLLS DRIVE - 1.0/1.2
-----------	---

Cooling unit

71.03.074	COOLING UNIT WU 232
18.91.008	COOLANT CL10 (10kg)
71.03.099	TOOL KIT - URANOS

Remote control

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m
71.02.209	REMOTE CONTROL UNIT RC 100 MP

ACCESSORIES

Remote control

71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC 180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC 180 - L.25m
71.02.211	REMOTE CONTROL UNIT RC 190 - L.6m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
71.02.20501	CAN BUS CONNECTION CABLE 6m
71.02.205	CAN BUS CONNECTION CABLE 10m
71.02.20504	CAN BUS CONNECTION CABLE 25m
73.11.021	CABLE - SPARE KIT

Torch

81.05.72767	MT 250 G MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.72778	MT 250 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.05.033	MT 250 G U/D MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.034	MT 250 G U/D MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.05.72781	MT 300 G MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.72783	MT 300 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.05.72795	MT 350 G MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.72807	MT 350 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.05.72812	MT 440 W MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.01.14201	PP PLUS 401 D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED - STRAIGHT
73.11.024	PUSH PULL - UPGRADE KIT
81.02.008	SR 26 V TIG WELDING TORCH - 4m - AIR COOLED
81.02.009	SR 26 V TIG WELDING TORCH - 8m - AIR COOLED

Stick electrode holder

71.04.005	STICK ELECTRODE HOLDER 400A - POWER CABLE 25mm ² - L.4m - PLUG 50mm ²
71.04.003	STICK ELECTRODE HOLDER 400A - POWER CABLE 35mm ² - L.4m
71.04.004	STICK ELECTRODE HOLDER 400A - POWER CABLE 50mm ² - L.4m

Earth cable

71.05.011	WORK CABLE - 25mm ² - L.4m - PLUG 50mm ²
71.05.012	WORK CABLE - 35mm ² - L.4m
71.05.013	WORK CABLE - 50mm ² - L.4m

Power source trolley

71.03.085	POWER SOURCE TROLLEY GT 150
71.03.086	POWER SOURCE TROLLEY GT 350 (only for air cooled units)
71.03.054	TIG RODS HOLDER KIT
71.03.079	POWER SOURCE TROLLEY GT 400
71.03.087	POWER SOURCE TROLLEY GT 600
71.03.091	LIFTING KIT
71.03.092	TRAY KIT - TORCH HOLDERS
71.03.093	CABLE SUPPORT KIT
71.03.094	TORCHE/CABLE SUPPORT KIT
71.03.043	TIG RODS HOLDER KIT

Weld@Net System

74.04.06701	KIT SW WELD@NET PRODUCTION MONITOR NX
74.04.06601	KIT SW WELD@NET PRODUCTION CONTROL MONITOR NX
74.04.070	WELD@NET MONITOR - ADD-ON LICENSE
74.04.071	WELD@NET CONTROL MONITOR - ADD-ON LICENSE
71.02.204	RI XP INTERFACE
71.02.203	RI XP CONNECTION CABLE
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE 10m

WELDING PROCESS

- MMA (Electrode)
- TIG DC Lift start
- MIG/MAG short spray manual arc
- MIG/MAG short spray synergic arc (URANOS NX 2700 SMC SMART)

MATERIALS

- Unalloyed steel
- High alloyed steel
- Aluminum alloy

APPLICATIONS

- Light job shop fabrication
- Building sites
- Shipyards
- Automobile industry
- Railway industry
- Ordinary maintenance
- Workshops
- Sheet metal working



TECHNICAL FEATURES

- "greenWave" inverter technology for high energy efficiency and perfect control over all welding phases
- Heavy duty and enviromental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Linear controlled fan on demand
- Energy-saving inverter technology (built-in P.F.C. - power factor controller)
- Built-in wire feeder unit (4 Roll drives)
- Wire drive unit fully designed by voestalpine Böhler Welding
- Ø 200/300 mm wire spool compatible
- Welding polarity switch device
- Full digital and user-friendly control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Back-up/Restore automatic
- Lock-unlock function key protected by password
- Complete management of multiple systems on Ethernet
- Software for supervision and full parameter setting of welding operations
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Synergic setting for optimal stick welding with multiple types of electrodes
- Reduced electromagnetic interference with lift start TIG welding
- 2/4 step operating mode
- Arc dynamic adjustment
- Perfect arc ignition (soft start - motor slope)
- Burn-back and droplet detachment correction
- Synergic operations from databank (16 pre-set programs) (URANOS NX 2700 SMC SMART)
- Wire speed (0,5-22,0 m/min)
- Spot welding mode
- Intermittent welding mode
- Bilevel MIG/MAG (URANOS NX 2700 SMC SMART)
- Remote control compatible
- WU cooling unit compatible
- Controlled cooling operations

Power source

URANOS NX 2700 SMC				 620x270x460mm	 23.7kg	 IP23S
 3x400V	 MIG/MAG	S 9.1kVA	X%	40°C 45% 270A	P.F. 0.94	I₂ 3-270A
		P 8.5kW		40°C 60% 250A		
			40°C 100% 230A			
			25°C 100% 270A			
	 TIG	S 7.1kVA	X%	40°C 50% 270A	P.F. 0.94	I₂ 3-270A
		P 6.6kW		40°C 60% 260A		
		40°C 100% 240A				
		25°C 80% 270A				
		25°C 100% 260A				
 3x230V	 MMA	S 10.0kVA	X%	40°C 40% 270A	P.F. 0.94	I₂ 3-270A
		P 9.5kW		40°C 60% 250A		
			40°C 100% 230A			
			25°C 100% 270A			
	 MIG/MAG	S 9.1kVA	X%	40°C 35% 270A	P.F. 0.96	I₂ 3-270A
		P 8.7kW		40°C 60% 230A		
		40°C 100% 210A				
		25°C 70% 270A				
		25°C 100% 240A				
 TIG	S 7.0kVA	X%	40°C 40% 270A	P.F. 0.96	I₂ 3-270A	
	P 6.7kW		40°C 60% 250A			 16A
		40°C 100% 230A				
		25°C 80% 270A				
		25°C 100% 250A				
 MMA	S 10.1kVA	X%	40°C 30% 270A	P.F. 0.96	I₂ 3-270A	
	P 9.7kW		40°C 60% 230A			 20A
		40°C 100% 210A				
		25°C 70% 270A				
		25°C 100% 240A				

Wirefeeder (integrated)

URANOS NX 2700 SMC Classic

SL 4R-2T	 0.5-22m/min	P 90W	 4		1.0-1.2mm . . Included	 yes	 no
	 200/300mm				0.6-1.6mm . . Optional		
					0.8-1.6mm . . Aluminum		
					0.9-1.6mm . . Cored		

URANOS NX 2700 SMC Smart

SL 4R-2T	 0.5-22m/min	P 90W	 4		1.0-1.2mm . . Included	 yes	 no
	 200/300mm				0.6-1.6mm . . Optional		
					0.8-1.6mm . . Aluminum		
					0.9-1.6mm . . Cored		

Cooling unit

WU 230	 1x400Vac	P 1.0kW	 660x240x220mm	 12.0kg	 3.0l
WU 232	 1x230/400Vac	P 1.0kW	 660x240x220mm	 13.4kg	 3.0l

CONFIGURATIONS

URANOS NX 2700 SMC CLASSIC - MIG/MAG welding configuration - Gas

55.05.021	URANOS NX 2700 SMC CLASSIC 3x230V 3x400V
81.05.72807	MT 350 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m

URANOS NX 2700 SMC SMART - MIG/MAG welding configuration - Gas

55.05.022	URANOS NX 2700 SMC SMART 3x230V 3x400V
81.05.72807	MT 350 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m

URANOS NX 2700 SMC CLASSIC - MIG/MAG welding configuration - Water

55.05.021	URANOS NX 2700 SMC CLASSIC 3x230V 3x400V
71.03.073	COOLING UNIT WU 230 - URANOS
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m

URANOS NX 2700 SMC SMART - MIG/MAG welding configuration - Water

55.05.022	URANOS NX 2700 SMC SMART 3x230V 3x400V
71.03.073	COOLING UNIT WU 230 - URANOS
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m

ACCESSORIES

Power source

55.05.021	URANOS NX 2700 SMC CLASSIC 3x230V 3x400V
55.05.022	URANOS NX 2700 SMC SMART 3x230V 3x400V

Wirefeeder

07.01.512	UPGRADE KIT FROM 4 ROLLS (2 ROLLS DRIVE) TO 4 ROLLS DRIVE - 1.0/1.2
-----------	---

Cooling unit

71.03.073	COOLING UNIT WU 230 - URANOS
71.03.074	COOLING UNIT WU 232
18.91.008	COOLANT CL10 (10kg)
71.03.099	TOOL KIT - URANOS

Remote control

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m
71.02.209	REMOTE CONTROL UNIT RC 100 MP
71.02.20501	CAN BUS CONNECTION CABLE 6m
71.02.205	CAN BUS CONNECTION CABLE 10m
71.02.20504	CAN BUS CONNECTION CABLE 25m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC 180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC 180 - L.25m
71.02.211	REMOTE CONTROL UNIT RC 190 - L.6m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
73.11.021	CABLE - SPARE KIT

ACCESSORIES

Torch

81.05.72781	MT 300 G MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.72783	MT 300 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.05.72795	MT 350 G MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.72807	MT 350 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.05.72812	MT 440 W MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.01.14201	PP PLUS 401 D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED - STRAIGHT
73.11.024	PUSH PULL - UPGRADE KIT
81.02.008	SR 26 V TIG WELDING TORCH - 4m - AIR COOLED
81.02.009	SR 26 V TIG WELDING TORCH - 8m - AIR COOLED

Stick electrode holder

71.04.003	STICK ELECTRODE HOLDER 400A - POWER CABLE 35mm ² - L.4m
71.04.004	STICK ELECTRODE HOLDER 400A - POWER CABLE 50mm ² - L.4m

Earth cable

71.05.012	WORK CABLE - 35mm ² - L.4m
71.05.013	WORK CABLE - 50mm ² - L.4m

Power source trolley

71.03.085	POWER SOURCE TROLLEY GT 150
71.03.086	POWER SOURCE TROLLEY GT 350 (only for air cooled units)
71.03.054	TIG RODS HOLDER KIT
71.03.079	POWER SOURCE TROLLEY GT 400
71.03.087	POWER SOURCE TROLLEY GT 600
71.03.091	LIFTING KIT
71.03.092	TRAY KIT - TORCH HOLDERS
71.03.093	CABLE SUPPORT KIT
71.03.094	TORCHE/CABLE SUPPORT KIT
71.03.043	TIG RODS HOLDER KIT

Weld@Net System

74.04.06701	KIT SW WELD@NET PRODUCTION MONITOR NX
74.04.06601	KIT SW WELD@NET PRODUCTION CONTROL MONITOR NX
74.04.070	WELD@NET MONITOR - ADD-ON LICENSE
74.04.071	WELD@NET CONTROL MONITOR - ADD-ON LICENSE
71.02.204	RI XP INTERFACE
71.02.203	RI XP CONNECTION CABLE
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE 10m

WELDING PROCESS

- MMA (Electrode)
- Air Carbon Arc gouging
- TIG DC Lift start
- MIG/MAG short spray manual arc
- MIG/MAG short spray synergic arc (TERRA NX 320/400 SMC Smart/SteelDrive)

MATERIALS

- Unalloyed steel
- High alloyed steel
- Aluminum alloy

APPLICATIONS

- Light job shop fabrication
- Medium-heavy job shop fabrication
- Heavy job shop fabrication
- Building sites
- Shipyards
- Plants machinery construction
- Oil refinery plants construction
- Machine and apparatus construction
- Automobile industry
- Railway industry
- Military industry
- Ordinary maintenance
- Handicraft working
- Chassis
- Building
- Installers
- Stand construction workers
- Door and window fitters
- Blacksmiths
- Workshops
- Sheet metal working

**TECHNICAL FEATURES**

- Inverter technology power source for improved arc dynamics and complete control of all welding phases.
- High power at 100% of duty cycle
- Heavy duty and environmental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Linear controlled fan on demand
- Built-in wire feeder unit 4 rolls drive
- Wire drive unit fully designed by voestalpine Böhler Welding
- Ø 200/300 mm wire spool compatible
- Full digital and user-friendly LCD graphic display control panel (TERRA NX 320/400 SMC SteelDrive)
- Full digital and user-friendly control panel (TERRA NX 320/400 SMC Classic/Smart)
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Back-up/Restore automatic
- User-defined welding program storage capability (240 free memory locations) (TERRA NX 320/400 SMC SteelDrive)
- Totally programmable user interface (TERRA NX 320/400 SMC SteelDrive)
- Lock-unlock function key protected by password
- Programmable welding operations safety limits (TERRA NX 320/400 SMC SteelDrive)
- Control of several welding units over Ethernet
- Totally welding process remote programming and management by PC network
- Ideal for stick welding with multiple types of popular electrodes (TERRA NX 320/400 SMC SteelDrive)
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Synergic setting for optimal stick welding with multiple types of electrodes
- Reduced electromagnetic interference with lift start TIG welding
- 2/4 step operating mode
- Arc dynamic adjustment
- Perfect arc ignition (soft start - motor slope)
- Burn-back and droplet detachment correction
- Crater filler operating mode (TERRA NX 320/400 SMC SteelDrive)
- Synergic operations from databank (18 pre-set programs) (TERRA NX 320/400 SMC Smart)
- Synergic operations from databank (52 pre-set programs) (TERRA NX 320/400 SMC SteelDrive)
- Synergic operations from databank (DEMO)
- Wire speed (0,5-22,0 m/min) (TERRA NX 320/400 SMC Classic/Smart)
- Wire speed (0,5-22,0 m/min), amperage and piece thickness adjustment (TERRA NX 320/400 SMC SteelDrive)
- Spot welding mode
- Intermittent welding mode
- Bilevel MIG/MAG
- Euro adaptor - U/D MIG/MAG torch compatible (TERRA NX 320/400 SMC SteelDrive)
- Push-pull torch device
- Remote control compatible
- WU cooling unit compatible
- Controlled cooling operations

Power source

TERRA NX 320 SMC				690x290x510mm		33.0kg		IP23S
		S 14.8kVA	X%	40°C 45% 320A	P.F. 0.74		I₂ 3-320A	U₀ 61V
		P 11.0kW		40°C 60% 280A				
		40°C 100% 240A						
		25°C 80% 320A						
				25°C 100% 280A				
		S 14.8kVA	X%	40°C 45% 300A	P.F. 0.74		I₂ 3-300A	U₀ 61V
		P 11.0kW		40°C 60% 280A				
		40°C 100% 240A						
		25°C 80% 300A						
				25°C 100% 280A				

TERRA NX 400 SMC				690x290x510mm		34.0kg		IP23S
		S 20.9kVA	X%	40°C 40% 400A	P.F. 0.73		I₂ 3-400A	U₀ 61V
		P 15.3kW		40°C 60% 360A				
		40°C 100% 330A						
		25°C 100% 400A						
		S 22.2kVA	X%	40°C 40% 400A	P.F. 0.73		I₂ 3-400A	U₀ 61V
		P 16.2kW		40°C 60% 360A				
		40°C 100% 330A						
		25°C 100% 400A						

Wirefeeder

TERRA NX 320/400 SMC Classic

SL 4R-2T		0.5-22m/min	P 90W		1.0-1.2mm . . Included		yes		yes (optional)
		200/300mm							

TERRA NX 320/400 SMC Smart

SL 4R-2T		0.5-22m/min	P 90W		1.0-1.2mm . . Included		yes		yes (optional)
		200/300mm							

TERRA NX 320/400 SMC SteelDrive

SL 4R-4T		0.5-22m/min	P 120W		1.0-1.2mm . . Included		yes		yes (optional)
		200/300mm							

Cooling unit

WU 330		1x400Vac	P 1.0kW		705x305x250mm		15.0kg		5.5l
--------	--	----------	----------------	--	---------------	--	--------	--	------

CONFIGURATIONS

TERRA NX 320 SMC Classic - MIG/MAG welding configuration - Gas

55.15.013	TERRA NX 320 SMC CLASSIC 3x400V
71.03.081	POWER SOURCE TROLLEY GT 500
81.05.72807	MT 350 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m

TERRA NX 320 SMC Smart - MIG/MAG welding configuration - Gas

55.15.014	TERRA NX 320 SMC SMART 3x400V
71.03.081	POWER SOURCE TROLLEY GT 500
81.05.72807	MT 350 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m

CONFIGURATIONS

TERRA NX 320 SMC SteelDrive - MIG/MAG welding configuration - Gas

55.15.019	TERRA NX 320 SMC STEELDRIVE 3x400V
	MASTER SOFTWARE - TERRA NX MSE/SMC - INCLUDED
71.03.081	POWER SOURCE TROLLEY GT 500
81.05.72807	MT 350 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m

TERRA NX 320 SMC Classic - MIG/MAG welding configuration - Water

55.15.013	TERRA NX 320 SMC CLASSIC 3x400V
71.03.081	POWER SOURCE TROLLEY GT 500
71.03.072	COOLING UNIT WU330
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m

TERRA NX 320 SMC Smart - MIG/MAG welding configuration - Water

55.15.014	TERRA NX 320 SMC SMART 3x400V
71.03.072	COOLING UNIT WU330
71.03.081	POWER SOURCE TROLLEY GT 500
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m

TERRA NX 320 SMC SteelDrive - MIG/MAG welding configuration - Water

55.15.019	TERRA NX 320 SMC STEELDRIVE 3x400V
	MASTER SOFTWARE - TERRA NX MSE/SMC - INCLUDED
71.03.072	COOLING UNIT WU330
71.03.081	POWER SOURCE TROLLEY GT 500
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m

TERRA NX 400 SMC Classic - MIG/MAG welding configuration - Water

55.15.015	TERRA NX 400 SMC CLASSIC 3x400V
71.03.072	COOLING UNIT WU330
71.03.081	POWER SOURCE TROLLEY GT 500
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m

TERRA NX 400 SMC Smart - MIG/MAG welding configuration - Water

55.15.016	TERRA NX 400 SMC SMART 3x400V
71.03.072	COOLING UNIT WU330
71.03.081	POWER SOURCE TROLLEY GT 500
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m

TERRA NX 400 SMC SteelDrive - MIG/MAG welding configuration - Water

55.15.020	TERRA NX 400 SMC STEELDRIVE 3x400V
	MASTER SOFTWARE - TERRA NX MSE/SMC - INCLUDED
71.03.072	COOLING UNIT WU330
71.03.081	POWER SOURCE TROLLEY GT 500
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m

ACCESSORIES

Power source

55.15.013	TERRA NX 320 SMC CLASSIC 3x400V
55.15.014	TERRA NX 320 SMC SMART 3x400V
55.15.019	TERRA NX 320 SMC STEELDRIVE 3x400V
55.15.015	TERRA NX 400 SMC CLASSIC 3x400V
55.15.016	TERRA NX 400 SMC SMART 3x400V
55.15.020	TERRA NX 400 SMC STEELDRIVE 3x400V

Additional welding programs

79.AK.001	LICENSE FOR ADDITIONAL WELDING PROGRAMS - TERRA NX
-----------	--

Cooling unit

71.03.072	COOLING UNIT WU330
18.91.008	COOLANT CL10 (10kg)
71.03.098	TOOL KIT - TERRA

Remote control

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m
71.02.209	REMOTE CONTROL UNIT RC 100 MP
71.02.205	CAN BUS CONNECTION CABLE 10m
71.02.20502	CAN BUS CONNECTION CABLE 15m
71.02.20504	CAN BUS CONNECTION CABLE 25m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC 180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC 180 - L.25m
71.02.211	REMOTE CONTROL UNIT RC 190 - L.6m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m

Torch

81.05.72795	MT 350 G MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.72807	MT 350 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.05.037	MT 350 G U/D MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.038	MT 350 G U/D MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.05.72812	MT 440 W MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.05.039	MT 440 W U/D MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.040	MT 440 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.05.72860	MT 540 W MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.72878	MT 540 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.05.041	MT 540 W U/D MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.042	MT 540 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.01.143	PP PLUS 401 D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED - 45°
81.01.145	PP PLUS 401 D MIG/MAG WELDING TORCH - 8m - LIQUID COOLED - 45°
81.01.142	PP PLUS 401 D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED - STRAIGHT
81.01.144	PP PLUS 401 D MIG/MAG WELDING TORCH - 8m - LIQUID COOLED - STRAIGHT
73.11.012	PUSH PULL KIT
81.02.008	SR 26 V TIG WELDING TORCH - 4m - AIR COOLED
81.02.009	SR 26 V TIG WELDING TORCH - 8m - AIR COOLED

Stick electrode holder

71.04.004	STICK ELECTRODE HOLDER 400A - POWER CABLE 50mm ² - L.4m
71.04.006	STICK ELECTRODE HOLDER 400A - POWER CABLE 70mm ² - L.4m

Earth cable

71.05.013	WORK CABLE - 50mm ² - L.4m
71.05.014	WORK CABLE - 70mm ² - L.4m
71.05.008	WORK CABLE - 95mm ² - L.4m

ACCESSORIES

Power source trolley

71.03.081	POWER SOURCE TROLLEY GT 500
71.03.089	POWER SOURCE TROLLEY GT 700
71.03.092	TRAY KIT - TORCH HOLDERS
71.03.091	LIFTING KIT
71.03.093	CABLE SUPPORT KIT
71.03.094	TORCHE/CABLE SUPPORT KIT
71.03.043	TIG RODS HOLDER KIT

Weld@Net System

79.AK.002	WELDNET PRODUCTION MONITOR/CONTROL MONITOR NX LICENSE - TERRA NX
74.04.06701	KIT SW WELD@NET PRODUCTION MONITOR NX
74.04.06601	KIT SW WELD@NET PRODUCTION CONTROL MONITOR NX
74.04.070	WELD@NET MONITOR - ADD-ON LICENSE
74.04.071	WELD@NET CONTROL MONITOR - ADD-ON LICENSE
71.02.204	RI XP INTERFACE
71.02.203	RI XP CONNECTION CABLE
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE 10m

WELDING PROCESS

- MMA (Electrode)
- TIG DC Lift start
- Air Carbon Arc gouging
- MIG/MAG short spray manual arc
- MIG/MAG short spray synergic arc (WF NX 230/330/430 Smart/ SteelDrive)

MATERIALS

- Unalloyed steel
- High alloyed steel
- Aluminum alloy

APPLICATIONS

- Light job shop fabrication
- Medium-heavy job shop fabrication
- Building sites
- Shipyards
- Plants machinery construction
- Oil refinery plants construction
- Machine and apparatus construction
- Automobile industry
- Railway industry
- Military industry
- Ordinary maintenance
- Chassis
- Building
- Installers
- Stand construction workers
- Door and window fitters
- Blacksmiths
- Workshops
- Sheet metal working



TECHNICAL FEATURES

- Inverter technology power source for improved arc dynamics and complete control of all welding phases.
- High power at 100% of duty cycle
- Heavy duty and environmental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Linear controlled fan on demand
- Wire feeder unit (2/4 rolls drive)
- Wire drive unit fully designed by voestalpine Böhler Welding
- Full parameters control panel on wire feeder unit
- Ø 200/300 mm wire spool compatible
- Full digital and user-friendly LCD graphic display control panel (WF NX 330/430 SteelDrive)
- Full digital and user-friendly control panel (WF NX 230 Classic/Smart/ SteelDrive - WF NX 330/430 Classic/Smart)
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Back-up/Restore automatic
- User-defined welding program storage capability (240 free memory locations) (WF NX 330/430 SteelDrive)
- Totally programmable user interface (WF NX 330/430 SteelDrive)
- Programmable welding operations safety limits (WF NX 330/430 SteelDrive)
- Lock-unlock function key protected by password
- Control of several welding units over Ethernet
- Totally welding process remote programming and management by PC network
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Synergic setting for optimal stick welding with multiple types of electrodes (WF NX 330/430 SteelDrive)
- Reduced electromagnetic interference with lift start TIG welding
- 2/4 step operating mode
- Arc dynamic adjustment
- Perfect arc ignition (soft start - motor slope)
- Burn-back and droplet detachment correction
- Crater filler operating mode (WF NX 330/430 SteelDrive)
- Synergic operations from databank (18 pre-set programs) (WF NX 230/330/430 Smart)
- Synergic operations from databank (52 pre-set programs) (WF NX 230/330/430 SteelDrive)
- Synergic operations from databank (DEMO)
- Wire speed (0,5-22,0 m/min), amperage and piece thickness adjustment (WF NX 230/330/430 SteelDrive)
- Wire speed (0,5-22,0 m/min) (WF NX 230 Classic/Smart/SteelDrive - WF NX 330/430 Classic/Smart)
- Spot welding mode
- Intermittent welding mode
- Bilevel MIG/MAG (WF NX 330/430 SteelDrive)
- Euro adaptor - U/D MIG/MAG torch compatible (WF NX 330/430 SteelDrive)
- Push-pull torch device
- Remote control compatible
- WU cooling unit compatible
- Controlled cooling operations

Power source

TERRA NX 320 MSE				620x240x460mm		20.2kg		IP23S
		S 16.2kVA	X%	40°C 50% 320A	P.F. 0.68		I₂ 3-320A	U₀ 61V
		P 10.9kW		40°C 60% 310A				
		S 16.2kVA	X%	40°C 60% 320A	P.F. 0.68		I₂ 3-320A	U₀ 61V
		P 10.9kW		40°C 100% 270A				
		S 16.2kVA	X%	40°C 50% 300A	P.F. 0.68		I₂ 3-300A	U₀ 61V
		P 10.9kW		40°C 60% 290A				

Wire feeder unit

WF NX 230 Classic				470x170x340mm		8.8kg		IP23S			
SL 2R-2T		0.5-22m/min	P 90W		2		1.0-1.2mm .. Included 0.6-1.6mm .. Optional 0.8-1.6mm .. Aluminum 0.9-1.6mm .. Cored		yes		no
		200mm									
WF NX 230 Smart				470x170x340mm		8.8kg		IP23S			
SL 2R-2T		0.5-22m/min	P 90W		2		1.0-1.2mm .. Included 0.6-1.6mm .. Optional 0.8-1.6mm .. Aluminum 0.9-1.6mm .. Cored		yes		no
		200mm									
WF NX 230 SteelDrive				470x170x340mm		8.8kg		IP23S			
SL 2R-2T		0.5-22m/min	P 120W		2		1.0-1.2mm .. Included 0.6-1.6mm .. Optional 0.8-1.6mm .. Aluminum 0.9-1.6mm .. Cored		yes		no
		200mm									
WF NX 330 Classic				660x280x390mm		13.0kg		IP23S			
SL 4R-2T		0.5-22m/min	P 90W		4		1.0-1.2mm .. Included 0.6-1.6mm .. Optional 0.8-1.6mm .. Aluminum 0.9-1.6mm .. Cored		yes		yes (optional)
		200/300mm									
WF NX 330 Smart				660x280x390mm		13.0kg		IP23S			
SL 4R-2T		0.5-22m/min	P 90W		4		1.0-1.2mm .. Included 0.6-1.6mm .. Optional 0.8-1.6mm .. Aluminum 0.9-1.6mm .. Cored		yes		yes (optional)
		200/300mm									
WF NX 330 SteelDrive				660x280x390mm		13.0kg		IP23S			
SL 4R-4T		0.5-22m/min	P 120W		4		1.0-1.2mm .. Included 0.6-1.6mm .. Optional 0.8-1.6mm .. Aluminum 0.9-1.6mm .. Cored		yes		yes (optional)
		200/300mm									
WF NX 430 Classic				640x250x460mm		19.0kg		IP23S			
SL 4R-2T		0.5-22m/min	P 90W		4		1.0-1.2mm .. Included 0.6-1.6mm .. Optional 0.8-1.6mm .. Aluminum 0.9-1.6mm .. Cored		yes		yes (optional)
		200/300mm									
WF NX 430 Smart				640x250x460mm		19.0kg		IP23S			
SL 4R-2T		0.5-22m/min	P 90W		4		1.0-1.2mm .. Included 0.6-1.6mm .. Optional 0.8-1.6mm .. Aluminum 0.9-1.6mm .. Cored		yes		yes (optional)
		200/300mm									
WF NX 430 SteelDrive				640x250x460mm		19.0kg		IP23S			
SL 4R-4T		0.5-22m/min	P 120W		4		1.0-1.2mm .. Included 0.6-1.6mm .. Optional 0.8-1.6mm .. Aluminum 0.9-1.6mm .. Cored		yes		yes (optional)
		200/300mm									

Cooling unit

WU 230		1x400Vac	P 1.0kW		660x240x220mm		12.0kg		3.0l
---------------	--	----------	----------------	--	---------------	--	--------	--	------

CONFIGURATIONS

TERRA NX 320 MSE - MIG/MAG welding configuration - Gas - WF NX 330 Classic

55.13.008	TERRA NX 320 MSE 3X400V
71.01.076	WIRE FEEDER WF NX 330 CLASSIC
71.06.329	AIR CABLE BUNDLE - 50mm ² - 4m
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.05.72807	MT 350 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m

TERRA NX 320 MSE - MIG/MAG welding configuration - Gas - WF NX 330 Smart

55.13.008	TERRA NX 320 MSE 3X400V
71.01.077	WIRE FEEDER WF NX 330 SMART
71.06.329	AIR CABLE BUNDLE - 50mm ² - 4m
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.05.72807	MT 350 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m

TERRA NX 320 MSE - MIG/MAG welding configuration - Gas - WF NX 330 SteelDrive

55.13.008	TERRA NX 320 MSE 3X400V
	MASTER SOFTWARE - TERRA NX MSE/SMC - INCLUDED
71.01.078	WIRE FEEDER WF NX 330 STEELDRIVE
71.06.329	AIR CABLE BUNDLE - 50mm ² - 4m
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.05.72807	MT 350 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m

TERRA NX 320 MSE - MIG/MAG welding configuration - Water - WF NX 330 Classic

55.13.008	TERRA NX 320 MSE 3X400V
71.01.076	WIRE FEEDER WF NX 330 CLASSIC
71.06.335	WATER COOLED CABLE BUNDLE - 50mm ² - 4m
71.03.071	COOLING UNIT WU 230 - TERRA
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m

TERRA NX 320 MSE - MIG/MAG welding configuration - Water - WF NX 330 Smart

55.13.008	TERRA NX 320 MSE 3X400V
71.01.077	WIRE FEEDER WF NX 330 SMART
71.06.335	WATER COOLED CABLE BUNDLE - 50mm ² - 4m
71.03.071	COOLING UNIT WU 230 - TERRA
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m

TERRA NX 320 MSE - MIG/MAG welding configuration - Water - WF NX 330 SteelDrive

55.13.008	TERRA NX 320 MSE 3X400V
	MASTER SOFTWARE - TERRA NX MSE/SMC - INCLUDED
71.01.078	WIRE FEEDER WF NX 330 STEELDRIVE
71.06.335	WATER COOLED CABLE BUNDLE - 50mm ² - 4m
71.03.071	COOLING UNIT WU 230 - TERRA
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m

ACCESSORIES

Power source

55.13.008 TERRA NX 320 MSE 3X400V

Additional welding programs

79.AK.001 LICENSE FOR ADDITIONAL WELDING PROGRAMS - TERRA NX

Wire feeder unit

71.01.071 WIRE FEEDER WF NX 230 CLASSIC
 71.01.072 WIRE FEEDER WF NX 230 SMART
 71.01.073 WIRE FEEDER WF NX 230 STEELDRIVE
 71.01.076 WIRE FEEDER WF NX 330 CLASSIC
 71.01.077 WIRE FEEDER WF NX 330 SMART
 71.01.078 WIRE FEEDER WF NX 330 STEELDRIVE
 71.01.081 WIRE FEEDER WF NX 430 CLASSIC
 71.01.082 WIRE FEEDER WF NX 430 SMART
 71.01.083 WIRE FEEDER WF NX 430 STEELDRIVE
 07.01.512 UPGRADE KIT FROM 4 ROLLS (2 ROLLS DRIVE) TO 4 ROLLS DRIVE - 1.0/1.2
 73.10.073 FEED UNIT BIG WHEELS - UPGRADE KIT (D.125mm)
 73.10.074 FEED UNIT LITTLE WHEELS - UPGRADE KIT (D.63mm)
 73.10.075 WIRE FEEDER HOLDER KIT
 73.11.015 REMOTE CONTROL WIRING KIT

Cable bundle

71.06.328 AIR CABLE BUNDLE - 50mm² - 1,5m
 71.06.329 AIR CABLE BUNDLE - 50mm² - 4m
 71.06.330 AIR CABLE BUNDLE - 70mm² - 1,5m
 71.06.331 AIR CABLE BUNDLE - 70mm² - 4m
 71.06.332 AIR CABLE BUNDLE - 70mm² - 10m
 71.06.333 AIR CABLE BUNDLE - 70mm² - 15m
 71.06.317 AIR CABLE BUNDLE - 70mm² - 20m
 71.06.318 AIR CABLE BUNDLE - 70mm² - 30m
 71.06.334 WATER COOLED CABLE BUNDLE - 50mm² - 1,5m
 71.06.335 WATER COOLED CABLE BUNDLE - 50mm² - 4m
 71.06.336 WATER COOLED CABLE BUNDLE - 70mm² - 1,5m
 71.06.327 WATER COOLED CABLE BUNDLE - 70mm² - 4m
 71.06.337 WATER COOLED CABLE BUNDLE - 70mm² - 10m
 71.06.338 WATER COOLED CABLE BUNDLE - 70mm² - 15m
 71.06.320 WATER COOLED CABLE BUNDLE - 70mm² - 20m
 71.06.321 WATER COOLED CABLE BUNDLE - 70mm² - 30m

Cooling unit

71.03.071 COOLING UNIT WU 230 - TERRA
 18.91.008 COOLANT CL10 (10kg)
 71.03.100 TOOL KIT - TERRA

Remote control

71.02.196 REMOTE CONTROL UNIT RC 100 - L.6m
 71.02.19601 REMOTE CONTROL UNIT RC 100 - L.10m
 71.02.19604 REMOTE CONTROL UNIT RC 100 - L.25m
 71.02.19607 REMOTE CONTROL UNIT RC 100 - L.40m
 71.02.209 REMOTE CONTROL UNIT RC 100 MP
 71.02.20501 CAN BUS CONNECTION CABLE 6m
 71.02.205 CAN BUS CONNECTION CABLE 10m
 71.02.20504 CAN BUS CONNECTION CABLE 25m
 71.02.197 REMOTE CONTROL UNIT RC 120 - L.6m
 71.02.198 REMOTE CONTROL UNIT RC 180 - L.6m
 71.02.19801 REMOTE CONTROL UNIT RC 180 - L.10m
 71.02.19804 REMOTE CONTROL UNIT RC 180 - L.25m
 71.02.211 REMOTE CONTROL UNIT RC 190 - L.6m
 71.02.199 REMOTE CONTROL UNIT RC 200 - L.6m
 73.11.015 REMOTE CONTROL WIRING KIT

ACCESSORIES

Torch

81.05.72795	MT 350 G MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.72807	MT 350 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.05.037	MT 350 G U/D MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.038	MT 350 G U/D MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.05.72812	MT 440 W MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.05.039	MT 440 W U/D MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.040	MT 440 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.01.143	PP PLUS 401 D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED - 45°
81.01.145	PP PLUS 401 D MIG/MAG WELDING TORCH - 8m - LIQUID COOLED - 45°
81.01.142	PP PLUS 401 D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED - STRAIGHT
81.01.144	PP PLUS 401 D MIG/MAG WELDING TORCH - 8m - LIQUID COOLED - STRAIGHT
73.11.012	PUSH PULL KIT
73.11.013	PUSH PULL KIT
81.02.008	SR 26 V TIG WELDING TORCH - 4m - AIR COOLED
81.02.009	SR 26 V TIG WELDING TORCH - 8m - AIR COOLED

Stick electrode holder

71.04.004	STICK ELECTRODE HOLDER 400A - POWER CABLE 50mm ² - L.4m
-----------	--

Earth cable

71.05.013	WORK CABLE - 50mm ² - L.4m
-----------	---------------------------------------

Power source trolley

71.03.085	POWER SOURCE TROLLEY GT 150
71.03.086	POWER SOURCE TROLLEY GT 350 (only for air cooled units)
71.03.054	TIG RODS HOLDER KIT
71.03.079	POWER SOURCE TROLLEY GT 400
71.03.087	POWER SOURCE TROLLEY GT 600
71.03.092	TRAY KIT - TORCH HOLDERS
71.03.078	POWER SOURCE TROLLEY GT 400 WF
71.03.088	POWER SOURCE TROLLEY GT 600 WF
71.03.091	LIFTING KIT
71.03.093	CABLE SUPPORT KIT
71.03.094	TORCHE/CABLE SUPPORT KIT
71.03.043	TIG RODS HOLDER KIT

Weld@Net System

79.AK.002	WELDNET PRODUCTION MONITOR/CONTROL MONITOR NX LICENSE - TERRA NX
74.04.06701	KIT SW WELD@NET PRODUCTION MONITOR NX
74.04.06601	KIT SW WELD@NET PRODUCTION CONTROL MONITOR NX
74.04.070	WELD@NET MONITOR - ADD-ON LICENSE
74.04.071	WELD@NET CONTROL MONITOR - ADD-ON LICENSE
71.02.204	R I X P INTERFACE
71.02.203	R I X P CONNECTION CABLE
71.02.202	R I W A STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE 10m

WELDING PROCESS

- MMA (Electrode)
- TIG DC Lift start
- Air Carbon Arc gouging
- MIG/MAG short spray manual arc
- MIG/MAG short spray synergic arc (WF NX 230/330/430 Smart/SteelDrive)

APPLICATIONS

- Light job shop fabrication
- Medium-heavy job shop fabrication
- Building sites
- Shipyards
- Plants machinery construction
- Oil refinery plants construction
- Machine and apparatus construction
- Automobile industry
- Railway industry
- Military industry
- Ordinary maintenance
- Chassis
- Building
- Installers
- Stand construction workers
- Door and window fitters
- Blacksmiths
- Workshops
- Sheet metal working

MATERIALS

- Unalloyed steel
- High alloyed steel
- Aluminum alloy



TECHNICAL FEATURES

- Inverter technology power source for improved arc dynamics and complete control of all welding phases.
- High power at 100% of duty cycle
- Heavy duty and environmental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Linear controlled fan on demand
- Wire feeder unit (2/4 rolls drive)
- Wire drive unit fully designed by voestalpine Böhler Welding
- Full parameters control panel on wire feeder unit
- Ø 200/300 mm wire spool compatible
- Full digital and user-friendly LCD graphic display control panel (WF NX 330/430 SteelDrive)
- Full digital and user-friendly control panel (WF NX 230 Classic/Smart/SteelDrive - WF NX 330/430 Classic/Smart)
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Back-up/Restore automatic
- User-defined welding program storage capability (240 free memory locations) (WF NX 330/430 SteelDrive)
- Totally programmable user interface (WF NX 330/430 SteelDrive)
- Programmable welding operations safety limits (WF NX 330/430 SteelDrive)
- Lock-unlock function key protected by password
- Control of several welding units over Ethernet
- Totally welding process remote programming and management by PC network
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Synergic setting for optimal stick welding with multiple types of electrodes (WF NX 330/430 SteelDrive)
- Reduced electromagnetic interference with lift start TIG welding
- 2/4 step operating mode
- Arc dynamic adjustment
- Perfect arc ignition (soft start - motor slope)
- Burn-back and droplet detachment correction
- Crater filler operating mode (WF NX 330/430 SteelDrive)
- Synergic operations from databank (18 pre-set programs) (WF NX 230/330/430 Smart)
- Synergic operations from databank (52 pre-set programs) (WF NX 230/330/430 SteelDrive)
- Synergic operations from databank (DEMO)
- Wire speed (0,5-22,0 m/min), amperage and piece thickness adjustment (WF NX 230/330/430 SteelDrive)
- Wire speed (0,5-22,0 m/min) (WF NX 230 Classic/Smart/SteelDrive - WF NX 330/430 Classic/Smart)
- Spot welding mode
- Intermittent welding mode
- Bilevel MIG/MAG (WF NX 330/430 SteelDrive)
- Euro adaptor - U/D MIG/MAG torch compatible (WF NX 330/430 SteelDrive)
- Push-pull torch device
- Remote control compatible
- WU cooling unit compatible
- Controlled cooling operations

Power source

TERRA NX 400 MSE			620x240x460mm		22.5kg		IP23S	
 3x400V	S	22.0kVA	X%	40°C	50%	400A	P.F. 0.74	I₂ 3-400A
	P	16.2kW		40°C	60%	360A		
				40°C	100%	340A		
				25°C	80%	400A		
				25°C	100%	360A		
TERRA NX 500 MSE			620x240x460mm		27.3kg		IP23S	
 3x400V	S	29.7kVA	X%	40°C	50%	500A	P.F. 0.74	I₂ 3-500A
	P	22.2kW		40°C	60%	470A		
				40°C	100%	420A		
				25°C	80%	500A		
				25°C	100%	470A		

Wire feeder unit

WFNX 230 Classic			470x170x340mm		8.8kg		IP23S		
SL 2R-2T		0.5-22m/min	P 90W		1.0-1.2mm . . Included		yes		no
		200mm					2		0.6-1.6mm . . Optional
WFNX 230 Smart			470x170x340mm		8.8kg		IP23S		
SL 2R-2T		0.5-22m/min	P 90W		1.0-1.2mm . . Included		yes		no
		200mm					2		0.6-1.6mm . . Optional
WFNX 230 SteelDrive			470x170x340mm		8.8kg		IP23S		
SL 2R-2T		0.5-22m/min	P 120W		1.0-1.2mm . . Included		yes		no
		200mm					2		0.6-1.6mm . . Optional
WFNX 330 Classic			660x280x390mm		13.0kg		IP23S		
SL 4R-2T		0.5-22m/min	P 90W		1.0-1.2mm . . Included		yes		yes (optional)
		200/300mm					4		0.6-1.6mm . . Optional
WFNX 330 Smart			660x280x390mm		13.0kg		IP23S		
SL 4R-2T		0.5-22m/min	P 90W		1.0-1.2mm . . Included		yes		yes (optional)
		200/300mm					4		0.6-1.6mm . . Optional
WFNX 330 SteelDrive			660x280x390mm		13.0kg		IP23S		
SL 4R-4T		0.5-22m/min	P 120W		1.0-1.2mm . . Included		yes		yes (optional)
		200/300mm					4		0.6-1.6mm . . Optional
WFNX 430 Classic			640x250x460mm		19.0kg		IP23S		
SL 4R-2T		0.5-22m/min	P 90W		1.0-1.2mm . . Included		yes		yes (optional)
		200/300mm					4		0.6-1.6mm . . Optional
WFNX 430 Smart			640x250x460mm		19.0kg		IP23S		
SL 4R-2T		0.5-22m/min	P 90W		1.0-1.2mm . . Included		yes		yes (optional)
		200/300mm					4		0.6-1.6mm . . Optional
WFNX 430 SteelDrive			640x250x460mm		19.0kg		IP23S		
SL 4R-4T		0.5-22m/min	P 120W		1.0-1.2mm . . Included		yes		yes (optional)
		200/300mm					4		0.6-1.6mm . . Optional

Cooling unit

WU 230		1x400Vac	P 1.0kW		660x240x220mm		12.0kg		3.0l
---------------	---	----------	----------------	---	---------------	---	--------	---	------

CONFIGURATIONS

TERRA NX 400 MSE - MIG/MAG welding configuration - Water - WF NX 330 Classic

55.13.009	TERRA NX 400 MSE 3X400V
71.01.076	WIRE FEEDER WF NX 330 CLASSIC
71.06.327	WATER COOLED CABLE BUNDLE - 70mm ² - 4m
71.03.071	COOLING UNIT WU 230 - TERRA
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m

TERRA NX 400 MSE - MIG/MAG welding configuration - Water - WF NX 330 Smart

55.13.009	TERRA NX 400 MSE 3X400V
71.01.077	WIRE FEEDER WF NX 330 SMART
71.06.327	WATER COOLED CABLE BUNDLE - 70mm ² - 4m
71.03.071	COOLING UNIT WU 230 - TERRA
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m

TERRA NX 400 MSE - MIG/MAG welding configuration - Water - WF NX 330 SteelDrive

55.13.009	TERRA NX 400 MSE 3X400V
	MASTER SOFTWARE - TERRA NX MSE/SMC - INCLUDED
71.01.078	WIRE FEEDER WF NX 330 STEELDRIVE
71.06.327	WATER COOLED CABLE BUNDLE - 70mm ² - 4m
71.03.071	COOLING UNIT WU 230 - TERRA
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m

TERRA NX 500 MSE - MIG/MAG welding configuration - Water - WF NX 330 Classic

55.13.010	TERRA NX 500 MSE 3X400V
71.01.076	WIRE FEEDER WF NX 330 CLASSIC
71.06.327	WATER COOLED CABLE BUNDLE - 70mm ² - 4m
71.03.071	COOLING UNIT WU 230 - TERRA
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m

TERRA NX 500 MSE - MIG/MAG welding configuration - Water - WF NX 330 Smart

55.13.010	TERRA NX 500 MSE 3X400V
71.01.077	WIRE FEEDER WF NX 330 SMART
71.06.327	WATER COOLED CABLE BUNDLE - 70mm ² - 4m
71.03.071	COOLING UNIT WU 230 - TERRA
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m

TERRA NX 500 MSE - MIG/MAG welding configuration - Water - WF NX 330 SteelDrive

55.13.010	TERRA NX 500 MSE 3X400V
	MASTER SOFTWARE - TERRA NX MSE/SMC - INCLUDED
71.01.078	WIRE FEEDER WF NX 330 STEELDRIVE
71.06.327	WATER COOLED CABLE BUNDLE - 70mm ² - 4m
71.03.071	COOLING UNIT WU 230 - TERRA
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m

ACCESSORIES

Power source

55.13.009	TERRA NX 400 MSE 3X400V
55.13.010	TERRA NX 500 MSE 3X400V

Additional welding programs

79.AK.001	LICENSE FOR ADDITIONAL WELDING PROGRAMS - TERRA NX
-----------	--

Wire feeder unit

71.01.071	WIRE FEEDER WF NX 230 CLASSIC
71.01.072	WIRE FEEDER WF NX 230 SMART
71.01.073	WIRE FEEDER WF NX 230 STEELDRIVE
71.01.076	WIRE FEEDER WF NX 330 CLASSIC
71.01.077	WIRE FEEDER WF NX 330 SMART
71.01.078	WIRE FEEDER WF NX 330 STEELDRIVE
71.01.081	WIRE FEEDER WF NX 430 CLASSIC
71.01.082	WIRE FEEDER WF NX 430 SMART
71.01.083	WIRE FEEDER WF NX 430 STEELDRIVE
07.01.512	UPGRADE KIT FROM 4 ROLLS (2 ROLLS DRIVE) TO 4 ROLLS DRIVE - 1.0/1.2
73.10.073	FEED UNIT BIG WHEELS - UPGRADE KIT (D.125mm)
73.10.074	FEED UNIT LITTLE WHEELS - UPGRADE KIT (D.63mm)
73.10.075	WIRE FEEDER HOLDER KIT
73.11.015	REMOTE CONTROL WIRING KIT

Cable bundle

71.06.336	WATER COOLED CABLE BUNDLE - 70mm ² - 1,5m
71.06.327	WATER COOLED CABLE BUNDLE - 70mm ² - 4m
71.06.337	WATER COOLED CABLE BUNDLE - 70mm ² - 10m
71.06.338	WATER COOLED CABLE BUNDLE - 70mm ² - 15m
71.06.320	WATER COOLED CABLE BUNDLE - 70mm ² - 20m
71.06.321	WATER COOLED CABLE BUNDLE - 70mm ² - 30m
71.06.339	WATER COOLED CABLE BUNDLE - 95mm ² - 1,5m
71.06.340	WATER COOLED CABLE BUNDLE - 95mm ² - 4m
71.06.341	WATER COOLED CABLE BUNDLE - 95mm ² - 10m
71.06.342	WATER COOLED CABLE BUNDLE - 95mm ² - 15m
71.06.309	WATER COOLED CABLE BUNDLE - 95mm ² - 20m
71.06.310	WATER COOLED CABLE BUNDLE - 95mm ² - 30m

Cooling unit

71.03.071	COOLING UNIT WU 230 - TERRA
18.91.008	COOLANT CL10 (10kg)
71.03.098	TOOL KIT - TERRA

Remote control

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m
71.02.209	REMOTE CONTROL UNIT RC 100 MP
71.02.205	CAN BUS CONNECTION CABLE 10m
71.02.20502	CAN BUS CONNECTION CABLE 15m
71.02.20504	CAN BUS CONNECTION CABLE 25m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC 180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC 180 - L.25m
71.02.211	REMOTE CONTROL UNIT RC 190 - L.6m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
73.11.015	REMOTE CONTROL WIRING KIT

ACCESSORIES

Torch

81.05.72812	MT 440 W MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.05.039	MT 440 W U/D MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.040	MT 440 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.05.72860	MT 540 W MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.72878	MT 540 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.05.041	MT 540 W U/D MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.042	MT 540 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.01.143	PP PLUS 401 D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED - 45°
81.01.145	PP PLUS 401 D MIG/MAG WELDING TORCH - 8m - LIQUID COOLED - 45°
81.01.142	PP PLUS 401 D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED - STRAIGHT
81.01.144	PP PLUS 401 D MIG/MAG WELDING TORCH - 8m - LIQUID COOLED - STRAIGHT
73.11.012	PUSH PULL KIT
73.11.013	PUSH PULL KIT
81.02.008	SR 26 V TIG WELDING TORCH - 4m - AIR COOLED
81.02.009	SR 26 V TIG WELDING TORCH - 8m - AIR COOLED

Stick electrode holder

71.04.006	STICK ELECTRODE HOLDER 400A - POWER CABLE 70mm ² - L.4m
-----------	--

Earth cable

71.05.014	WORK CABLE - 70mm ² - L.4m
71.05.008	WORK CABLE - 95mm ² - L.4m

Power source trolley

71.03.085	POWER SOURCE TROLLEY GT 150
71.03.086	POWER SOURCE TROLLEY GT 350 (only for air cooled units)
71.03.054	TIG RODS HOLDER KIT
71.03.079	POWER SOURCE TROLLEY GT 400
71.03.087	POWER SOURCE TROLLEY GT 600
71.03.092	TRAY KIT - TORCH HOLDERS
71.03.078	POWER SOURCE TROLLEY GT 400 WF
71.03.088	POWER SOURCE TROLLEY GT 600 WF
71.03.091	LIFTING KIT
71.03.093	CABLE SUPPORT KIT
71.03.094	TORCHE/CABLE SUPPORT KIT
71.03.043	TIG RODS HOLDER KIT

Weld@Net System

79.AK.002	WELDNET PRODUCTION MONITOR/CONTROL MONITOR NX LICENSE - TERRA NX
74.04.06701	KIT SW WELD@NET PRODUCTION MONITOR NX
74.04.06601	KIT SW WELD@NET PRODUCTION CONTROL MONITOR NX
74.04.070	WELD@NET MONITOR - ADD-ON LICENSE
74.04.071	WELD@NET CONTROL MONITOR - ADD-ON LICENSE
71.02.204	RI XP INTERFACE
71.02.203	RI XP CONNECTION CABLE
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE 10m

WELDING PROCESS

- MMA (Electrode)
- TIG DC Lift start
- MIG/MAG short spray manual arc
- MIG/MAG short spray synergic arc
- MIG/MAG short spray pulsed
- MIG/MAG pulsed synergic
- MIG/MAG double pulsed synergic
- MIG/MAG brazing
- MIG/MAG plating
- MIG/MAG hardfacing

APPLICATIONS

- Light job shop fabrication
- Building sites
- Shipyards
- Plants machinery construction
- Automobile industry
- Railway industry
- Ordinary maintenance
- Workshops
- Sheet metal working



MATERIALS

- Unalloyed steel
- High alloyed steel
- Aluminum alloy
- Nickel alloy
- Copper alloy



TECHNICAL FEATURES

- "greenWave" inverter technology for high energy efficiency and perfect control over all welding phases
- Heavy duty and enviromental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- Reduced dimensions and compact construction
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Linear controlled fan on demand
- Energy-saving inverter technology (built-in P.F.C. - power factor controller)
- Built-in wire feeder unit (4 Roll drives)
- Wire drive unit fully designed by voestalpine Böhler Welding
- Ø 200/300 mm wire spool compatible
- Welding polarity switch device
- Full digital and user-friendly LCD graphic display control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Back-up/Restore automatic
- User-defined welding program storage capability (64 free memory locations)
- Totally programmable user interface
- Programmable welding operations safety limits
- Lock-unlock function key protected by password
- Complete management of multiple systems on Ethernet
- Software for supervision and full parameter setting of welding operations
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Synergic setting for optimal stick welding with multiple types of electrodes
- Reduced electromagnetic interference with lift start TIG welding
- 2/4 step operating mode
- Arc dynamic adjustment
- Perfect arc ignition (soft start - motor slope)
- Burn-back and droplet detachment correction
- Crater filler operating mode
- Synergic operations from databank
- Wire speed (0,5-22,0 m/min), amperage and piece thickness adjustment
- Spot welding mode
- Intermittent welding mode
- Bilevel MIG/MAG
- Euro adaptor - U/D MIG/MAG torch compatible
- Digital MIG/MAG torch compatible
- Push-pull torch device
- Remote control compatible
- WU cooling unit compatible
- Controlled cooling operations

Power source

URANOS NX 2200 PMC				620x270x460mm		22.4kg		IP23S			
 1x230V	 MIG/MAG	S	6.4kVA	X%	40°C	35%	220A	P.F.	0.99	I₂	3-220A
		P	6.4kW		40°C	60%	190A				25A
	 TIG	S	4.9kVA		40°C	40%	220A	P.F.		0.99	I₂
		P	4.9kW		40°C	60%	200A			20A	
	 MMA	S	5.6kVA		40°C	60%	180A	P.F.		0.99	I₂
		P	5.6kW		40°C	100%	170A			25A	
			25°C	100%	180A						

Wirefeeder (integrated)

SL 4R-4T		0.5-2.2mm/min	P	120W		0.8-1.0mm . . Included		yes		optional
		200/300mm		4		0.6-1.6mm . . Optional				yes
						0.8-1.6mm . . Aluminum				
						0.9-1.6mm . . Cored				

Cooling unit

WU 232		1x230/400Vac	P	1.0kW		660x240x220mm		13.4kg		3.0l
---------------	---	--------------	----------	-------	---	---------------	---	--------	---	------

CONFIGURATIONS

URANOS NX 2200 PMC - LCD 3,5" - MIG/MAG welding configuration - Gas

55.05.026	URANOS NX 2200 PMC 1x230V
	MASTER SOFTWARE - URANOS NX PMC/MTE - INCLUDED
81.05.035	MT 300 G U/D MIG/MAG WELDING TORCH - 3m - AIR COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m

URANOS NX 2200 PMC - LCD 3,5" - MIG/MAG welding configuration - Water

55.05.026	URANOS NX 2200 PMC 1x230V
	MASTER SOFTWARE - URANOS NX PMC/MTE - INCLUDED
71.03.074	COOLING UNIT WU 232
81.05.040	MT 440 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m

ACCESSORIES

Power source

55.05.026	URANOS NX 2200 PMC 1x230V
-----------	---------------------------

Cooling unit

71.03.074	COOLING UNIT WU 232
18.91.008	COOLANT CL10 (10kg)
71.03.099	TOOL KIT - URANOS

Remote control

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m
71.02.209	REMOTE CONTROL UNIT RC 100 MP
71.02.20501	CAN BUS CONNECTION CABLE 6m
71.02.205	CAN BUS CONNECTION CABLE 10m
71.02.20504	CAN BUS CONNECTION CABLE 25m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC 180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC 180 - L.25m
71.02.211	REMOTE CONTROL UNIT RC 190 - L.6m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m

ACCESSORIES

Torch

81.05.72767	MT 250 G MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.72778	MT 250 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.05.033	MT 250 G U/D MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.034	MT 250 G U/D MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.05.72781	MT 300 G MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.72783	MT 300 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.05.035	MT 300 G U/D MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.036	MT 300 G U/D MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.05.72795	MT 350 G MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.72807	MT 350 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.05.037	MT 350 G U/D MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.038	MT 350 G U/D MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.03.014	MB 240 DgMig MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.03.012	MB 240 DgMig MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.05.72812	MT 440 W MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.05.039	MT 440 W U/D MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.040	MT 440 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.01.14201	PP PLUS 401 D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED - STRAIGHT
73.11.024	PUSH PULL - UPGRADE KIT
81.02.008	SR 26 V TIG WELDING TORCH - 4m - AIR COOLED
81.02.009	SR 26 V TIG WELDING TORCH - 8m - AIR COOLED

Stick electrode holder

71.04.005	STICK ELECTRODE HOLDER 400A - POWER CABLE 25mm ² - L.4m - PLUG 50mm ²
71.04.003	STICK ELECTRODE HOLDER 400A - POWER CABLE 35mm ² - L.4m
71.04.004	STICK ELECTRODE HOLDER 400A - POWER CABLE 50mm ² - L.4m

Earth cable

71.05.011	WORK CABLE - 25mm ² - L.4m - PLUG 50mm ²
71.05.012	WORK CABLE - 35mm ² - L.4m
71.05.013	WORK CABLE - 50mm ² - L.4m

Power source trolley

71.03.085	POWER SOURCE TROLLEY GT 150
71.03.086	POWER SOURCE TROLLEY GT 350 (only for air cooled units)
71.03.054	TIG RODS HOLDER KIT
71.03.079	POWER SOURCE TROLLEY GT 400
71.03.087	POWER SOURCE TROLLEY GT 600
71.03.091	LIFTING KIT
71.03.092	TRAY KIT - TORCH HOLDERS
71.03.093	CABLE SUPPORT KIT
71.03.094	TORCHE/CABLE SUPPORT KIT
71.03.043	TIG RODS HOLDER KIT

Weld@Net System

74.04.06701	KIT SW WELD@NET PRODUCTION MONITOR NX
74.04.06601	KIT SW WELD@NET PRODUCTION CONTROL MONITOR NX
74.04.070	WELD@NET MONITOR - ADD-ON LICENSE
74.04.071	WELD@NET CONTROL MONITOR - ADD-ON LICENSE
71.02.204	RI X P INTERFACE
71.02.203	RI X P CONNECTION CABLE
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE 10m

WELDING PROCESS

- MMA (Electrode)
- TIG DC Lift start
- MIG/MAG short spray manual arc
- MIG/MAG short spray synergic arc
- MIG/MAG short spray pulsed
- MIG/MAG pulsed synergic
- MIG/MAG double pulsed synergic
- MIG/MAG brazing
- MIG/MAG plating
- MIG/MAG hardfacing

APPLICATIONS

- Light job shop fabrication
- Building sites
- Shipyards
- Plants machinery construction
- Automobile industry
- Railway industry
- Ordinary maintenance
- Workshops
- Sheet metal working

MATERIALS

- Unalloyed steel
- High alloyed steel
- Aluminum alloy
- Nickel alloy
- Copper alloy



TECHNICAL FEATURES

- "greenWave" inverter technology for high energy efficiency and perfect control over all welding phases
- Heavy duty and enviromental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- Reduced dimensions and compact construction
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Linear controlled fan on demand
- Energy-saving inverter technology (built-in P.F.C. - power factor controller)
- Built-in wire feeder unit (4 Roll drives)
- Wire drive unit fully designed by voestalpine Böhler Welding
- Ø 200/300 mm wire spool compatible
- Welding polarity switch device
- Full digital and user-friendly LCD graphic display control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Back-up/Restore automatic
- User-defined welding program storage capability (64 free memory locations)
- Totally programmable user interface
- Programmable welding operations safety limits
- Lock-unlock function key protected by password

- Complete management of multiple systems on Ethernet
- Software for supervision and full parameter setting of welding operations
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Synergic setting for optimal stick welding with multiple types of electrodes
- Reduced electromagnetic interference with lift start TIG welding
- 2/4 step operating mode
- Arc dynamic adjustment
- Perfect arc ignition (soft start - motor slope)
- Burn-back and droplet detachment correction
- Crater filler operating mode
- Synergic operations from databank
- Wire speed (0,5-22,0 m/min), amperage and piece thickness adjustment
- Spot welding mode
- Intermittent welding mode
- Bilevel MIG/MAG
- Euro adaptor - U/D MIG/MAG torch compatible
- Digital MIG/MAG torch compatible
- Push-pull torch device
- Remote control compatible
- WU cooling unit compatible
- Controlled cooling operations

Power source

URANOS NX 2700 PMC				 620x270x460mm	 23.7kg	 IP23S
 3x400V	 MIG/MAG	S 9.1kVA	X%	40°C 45% 270A	P.F. 0.94	I₂ 3-270A
		P 8.5kW		40°C 60% 250A		
	 TIG	S 7.1kVA	X%	40°C 50% 270A	P.F. 0.94	I₂ 3-270A
		P 6.6kW		40°C 60% 260A		
	 MMA	S 10.0kVA	X%	40°C 40% 270A	P.F. 0.94	I₂ 3-270A
		P 9.5kW		40°C 60% 250A		
 MIG/MAG	S 9.1kVA	X%	40°C 35% 270A	P.F. 0.96	I₂ 3-270A	
	P 8.7kW		40°C 60% 230A			
 3x230V	 TIG	S 7.0kVA	X%	40°C 40% 270A	P.F. 0.96	I₂ 3-270A
		P 6.7kW		40°C 60% 250A		
	 MMA	S 10.1kVA	X%	40°C 30% 270A	P.F. 0.96	I₂ 3-270A
		P 9.7kW		40°C 60% 230A		
	 MIG/MAG	S 9.1kVA	X%	40°C 60% 230A	P.F. 0.96	I₂ 3-270A
		P 8.7kW		40°C 100% 210A		
 TIG	S 7.0kVA	X%	40°C 100% 270A	P.F. 0.96	I₂ 3-270A	
	P 6.7kW		25°C 80% 270A			
 MMA	S 10.1kVA	X%	25°C 100% 250A	P.F. 0.96	I₂ 3-270A	
	P 9.7kW		40°C 30% 270A			
 MIG/MAG	S 9.1kVA	X%	40°C 60% 230A	P.F. 0.96	I₂ 3-270A	
	P 8.7kW		40°C 100% 210A			
 TIG	S 7.0kVA	X%	40°C 40% 270A	P.F. 0.96	I₂ 3-270A	
	P 6.7kW		40°C 60% 250A			
 MMA	S 10.1kVA	X%	40°C 30% 270A	P.F. 0.96	I₂ 3-270A	
	P 9.7kW		40°C 60% 230A			
 MIG/MAG	S 9.1kVA	X%	40°C 60% 230A	P.F. 0.96	I₂ 3-270A	
	P 8.7kW		40°C 100% 210A			
 TIG	S 7.0kVA	X%	40°C 100% 270A	P.F. 0.96	I₂ 3-270A	
	P 6.7kW		25°C 80% 270A			
 MMA	S 10.1kVA	X%	25°C 100% 250A	P.F. 0.96	I₂ 3-270A	
	P 9.7kW		40°C 30% 270A			

Wirefeeder (integrated)

SL 4R-4T	 0.5-22m/min	P 120W	 4		1.0-1.2mm . . Included	 yes	 optional
	 200/300mm				0.6-1.6mm . . Optional		
					0.8-1.6mm . . Aluminum		
					0.9-1.6mm . . Cored		

Cooling unit

WU 230	 1x400Vac	P 1.0kW	 660x240x220mm	 12.0kg	 3.0l
WU 232	 1x230/400Vac	P 1.0kW	 660x240x220mm	 13.4kg	 3.0l

CONFIGURATIONS

URANOS NX 2700 PMC - LCD 3,5" - MIG/MAG welding configuration - Gas

55.05.023	URANOS NX 2700 PMC 3x230V 3x400V
	MASTER SOFTWARE - URANOS NX PMC/MTE - INCLUDED
81.05.038	MT 350 G U/D MIG/MAG WELDING TORCH - 4m - AIR COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m

URANOS NX 2700 PMC - LCD 3,5" - MIG/MAG welding configuration - Water

55.05.023	URANOS NX 2700 PMC 3x230V 3x400V
	MASTER SOFTWARE - URANOS NX PMC/MTE - INCLUDED
71.03.073	COOLING UNIT WU 230 - URANOS
81.05.040	MT 440 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m

ACCESSORIES

Power source

55.05.023	URANOS NX 2700 PMC 3x230V 3x400V
-----------	----------------------------------

Cooling unit

71.03.073	COOLING UNIT WU 230 - URANOS
-----------	------------------------------

71.03.074	COOLING UNIT WU 232
-----------	---------------------

18.91.008	COOLANT CL10 (10kg)
-----------	---------------------

71.03.099	TOOL KIT - URANOS
-----------	-------------------

Remote control

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
-----------	-----------------------------------

71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
-------------	------------------------------------

71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
-------------	------------------------------------

71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m
-------------	------------------------------------

71.02.209	REMOTE CONTROL UNIT RC 100 MP
-----------	-------------------------------

71.02.20501	CAN BUS CONNECTION CABLE 6m
-------------	-----------------------------

71.02.205	CAN BUS CONNECTION CABLE 10m
-----------	------------------------------

71.02.20504	CAN BUS CONNECTION CABLE 25m
-------------	------------------------------

71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
-----------	-----------------------------------

71.02.19801	REMOTE CONTROL UNIT RC 180 - L.10m
-------------	------------------------------------

71.02.19804	REMOTE CONTROL UNIT RC 180 - L.25m
-------------	------------------------------------

71.02.211	REMOTE CONTROL UNIT RC 190 - L.6m
-----------	-----------------------------------

71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
-----------	-----------------------------------

Torch

81.05.72781	MT 300 G MIG/MAG WELDING TORCH - 3m - AIR COOLED
-------------	--

81.05.72783	MT 300 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
-------------	--

81.05.035	MT 300 G U/D MIG/MAG WELDING TORCH - 3m - AIR COOLED
-----------	--

81.05.036	MT 300 G U/D MIG/MAG WELDING TORCH - 4m - AIR COOLED
-----------	--

81.05.72795	MT 350 G MIG/MAG WELDING TORCH - 3m - AIR COOLED
-------------	--

81.05.72807	MT 350 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
-------------	--

81.05.037	MT 350 G U/D MIG/MAG WELDING TORCH - 3m - AIR COOLED
-----------	--

81.05.038	MT 350 G U/D MIG/MAG WELDING TORCH - 4m - AIR COOLED
-----------	--

81.03.014	MB 240 DgMig MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
-----------	---

81.03.012	MB 240 DgMig MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
-----------	---

81.05.72812	MT 440 W MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
-------------	---

81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
-------------	---

81.05.039	MT 440 W U/D MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
-----------	---

81.05.040	MT 440 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
-----------	---

81.01.14201	PP PLUS 401 D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED - STRAIGHT
-------------	---

73.11.024	PUSH PULL - UPGRADE KIT
-----------	-------------------------

81.02.008	SR 26 V TIG WELDING TORCH - 4m - AIR COOLED
-----------	---

81.02.009	SR 26 V TIG WELDING TORCH - 8m - AIR COOLED
-----------	---

Stick electrode holder

71.04.003	STICK ELECTRODE HOLDER 400A - POWER CABLE 35mm ² - L.4m
-----------	--

71.04.004	STICK ELECTRODE HOLDER 400A - POWER CABLE 50mm ² - L.4m
-----------	--

Earth cable

71.05.012	WORK CABLE - 35mm ² - L.4m
-----------	---------------------------------------

71.05.013	WORK CABLE - 50mm ² - L.4m
-----------	---------------------------------------

Power source trolley

71.03.085	POWER SOURCE TROLLEY GT 150
-----------	-----------------------------

71.03.086	POWER SOURCE TROLLEY GT 350 (only for air cooled units)
-----------	---

71.03.054	TIG RODS HOLDER KIT
-----------	---------------------

71.03.079	POWER SOURCE TROLLEY GT 400
-----------	-----------------------------

71.03.087	POWER SOURCE TROLLEY GT 600
-----------	-----------------------------

71.03.091	LIFTING KIT
-----------	-------------

71.03.092	TRAY KIT - TORCH HOLDERS
-----------	--------------------------

71.03.093	CABLE SUPPORT KIT
-----------	-------------------

71.03.094	TORCHE/CABLE SUPPORT KIT
-----------	--------------------------

71.03.043	TIG RODS HOLDER KIT
-----------	---------------------

ACCESSORIES**Weld@Net System**

74.04.06701	KIT SW WELD@NET PRODUCTION MONITOR NX
74.04.06601	KIT SW WELD@NET PRODUCTION CONTROL MONITOR NX
74.04.070	WELD@NET MONITOR - ADD-ON LICENSE
74.04.071	WELD@NET CONTROL MONITOR - ADD-ON LICENSE
71.02.204	RI XP INTERFACE
71.02.203	RI XP CONNECTION CABLE
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE 10m

WELDING PROCESS

- MMA (Electrode)
- TIG DC Lift start
- MIG/MAG short spray manual arc
- MIG/MAG short spray synergic arc
- MIG/MAG short spray pulsed
- MIG/MAG pulsed synergic
- MIG/MAG double pulsed synergic
- MIG/MAG brazing
- MIG/MAG plating
- HardFacing MIG/MAG

APPLICATIONS

- Light job shop fabrication
- Medium-heavy job shop fabrication
- Building sites
- Shipyards
- Plants machinery construction
- Oil refinery plants construction
- Machine and apparatus construction
- Automobile industry
- Railway industry
- Nuclear industry
- Military industry
- Aeronautics and Aerospace industry
- Food industry
- Chemical industry
- Ordinary maintenance
- Repair and overhaul
- Workshops
- Sheet metal working

MATERIALS

- Unalloyed steel
- High alloyed steel
- Aluminum alloy
- Nickel alloy
- Copper alloy

TECHNICAL FEATURES

- "greenWave" inverter technology for high energy efficiency and perfect control over all welding phases
- High power at 100% of duty cycle
- Heavy duty and enviromental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Linear controlled fan on demand
- Energy-saving inverter technology (built-in P.F.C. - power factor controller)
- Wire feeder unit (2/4 roll drives)
- Wire drive unit fully designed by voestalpine Böhler Welding
- Full parameters control panel on wire feeder unit
- Ø 200/300 mm wire spool compatible
- Full digital and user-friendly LCD graphic display control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Back-up/Restore automatic
- User-defined welding program storage capability (240 free memory locations)
- Totally programmable user interface
- Programmable welding operations safety limits
- Lock-unlock function key protected by password
- Control of several welding units over Ethernet
- Totally welding process remote programming and management by PC network
- Ideal for stick welding with multiple types of popular electrodes



- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Synergic setting for optimal stick welding with multiple types of electrodes
- Reduced electromagnetic interference with lift start TIG welding
- 2/4 step operating mode
- Arc dynamic adjustment
- Perfect arc ignition (soft start - motor slope)
- Burn-back and droplet detachment correction
- Crater filler operating mode
- Synergic operations from databank
- Synergic operations from databank (DEMO)
- Wire speed (0,5-22,0 m/min), amperage and piece thickness adjustment
- Spot welding mode
- Intermittent welding mode
- Bilevel MIG/MAG
- Euro adaptor - U/D MIG/MAG torch compatible
- Digital MIG/MAG torch compatible
- Push-pull torch device
- Remote control compatible
- WU cooling unit compatible
- Controlled cooling operations

CONFIGURATIONS

URANOS NX 3200 PME - MIG/MAG welding configuration - Gas - WF NX 4000 SMART

55.03.066	URANOS NX 3200 PME 3X230V-3X400V
79.11.00033	MASTER SOFTWARE 3 - UNALLOYED STEEL - ArcDrive PulsDrive
71.01.080	WIRE FEEDER WF NX 4000 SMART
71.06.329	AIR CABLE BUNDLE - 50mm ² - 4m
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.05.038	MT 350 G U/D MIG/MAG WELDING TORCH - 4m - AIR COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m

URANOS NX 3200 PME - MIG/MAG welding configuration - Water - WF NX 4000 SMART

55.03.066	URANOS NX 3200 PME 3X230V-3X400V
79.11.00033	MASTER SOFTWARE 3 - UNALLOYED STEEL - ArcDrive PulsDrive
71.01.080	WIRE FEEDER WF NX 4000 SMART
71.06.335	WATER COOLED CABLE BUNDLE - 50mm ² - 4m
71.03.076	COOLING UNIT WU 2000
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.05.040	MT 440 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m

ACCESSORIES

Power source

55.03.066	URANOS NX 3200 PME 3X230V-3X400V
55.03.070	URANOS NX 3200 PME 3X230V-3X400V LCD 3.5"

Master Software

79.11.00031	MASTER SOFTWARE 1 - UNALLOYED STEEL - ArcDrive RapiDeep
79.11.00032	MASTER SOFTWARE 2 - UNALLOYED STEEL - PulsDrive QuickPulse
79.11.00033	MASTER SOFTWARE 3 - UNALLOYED STEEL - ArcDrive PulsDrive
79.11.00034	MASTER SOFTWARE 4 - HIGH ALLOYED STEEL
79.11.00035	MASTER SOFTWARE 5 - ALUMINUM AND COPPER ALLOY
79.11.00036	MASTER SOFTWARE 6 - UNIVERSAL APPLICATIONS

Wire feeder unit

71.01.070	WIRE FEEDER WF NX 2000 CLASSIC
71.01.074	WIRE FEEDER WF NX 3000 CLASSIC
71.01.075	WIREFEEDER WF NX 3000 SMART
71.01.079	WIRE FEEDER WF NX 4000 CLASSIC
71.01.080	WIRE FEEDER WF NX 4000 SMART
73.10.073	FEED UNIT BIG WHEELS - UPGRADE KIT (D.125mm)
73.10.074	FEED UNIT LITTLE WHEELS - UPGRADE KIT (D.63mm)
73.10.075	WIRE FEEDER HOLDER KIT

Cable bundle

71.06.328	AIR CABLE BUNDLE - 50mm ² - 1,5m
71.06.329	AIR CABLE BUNDLE - 50mm ² - 4m
71.06.330	AIR CABLE BUNDLE - 70mm ² - 1,5m
71.06.331	AIR CABLE BUNDLE - 70mm ² - 4m
71.06.332	AIR CABLE BUNDLE - 70mm ² - 10m
71.06.333	AIR CABLE BUNDLE - 70mm ² - 15m
71.06.317	AIR CABLE BUNDLE - 70mm ² - 20m
71.06.318	AIR CABLE BUNDLE - 70mm ² - 30m
71.06.334	WATER COOLED CABLE BUNDLE - 50mm ² - 1,5m
71.06.335	WATER COOLED CABLE BUNDLE - 50mm ² - 4m
71.06.336	WATER COOLED CABLE BUNDLE - 70mm ² - 1,5m
71.06.327	WATER COOLED CABLE BUNDLE - 70mm ² - 4m
71.06.337	WATER COOLED CABLE BUNDLE - 70mm ² - 10m
71.06.338	WATER COOLED CABLE BUNDLE - 70mm ² - 15m
71.06.320	WATER COOLED CABLE BUNDLE - 70mm ² - 20m
71.06.321	WATER COOLED CABLE BUNDLE - 70mm ² - 30m

ACCESSORIES

Cooling unit

71.03.076	COOLING UNIT WU 2000
18.91.008	COOLANT CL10 (10kg)
71.03.099	TOOL KIT - URANOS

Remote control

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m
71.02.209	REMOTE CONTROL UNIT RC 100 MP
71.02.20501	CAN BUS CONNECTION CABLE 6m
71.02.205	CAN BUS CONNECTION CABLE 10m
71.02.20504	CAN BUS CONNECTION CABLE 25m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC 180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC 180 - L.25m
71.02.211	REMOTE CONTROL UNIT RC 190 - L.6m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
71.02.215	REMOTE CONTROL UNIT RC 350 MP - L.6m
71.02.21503	REMOTE CONTROL UNIT RC 350 MP - L.20m

Torch

81.05.72795	MT 350 G MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.72807	MT 350 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.05.037	MT 350 G U/D MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.038	MT 350 G U/D MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.03.014	MB 240 DgMig MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.03.012	MB 240 DgMig MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.05.72812	MT 440 W MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.05.039	MT 440 W U/D MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.040	MT 440 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.01.143	PP PLUS 401 D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED - 45°
81.01.145	PP PLUS 401 D MIG/MAG WELDING TORCH - 8m - LIQUID COOLED - 45°
81.01.142	PP PLUS 401 D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED - STRAIGHT
81.01.144	PP PLUS 401 D MIG/MAG WELDING TORCH - 8m - LIQUID COOLED - STRAIGHT
73.11.012	PUSH PULL KIT
81.02.008	SR 26 V TIG WELDING TORCH - 4m - AIR COOLED
81.02.009	SR 26 V TIG WELDING TORCH - 8m - AIR COOLED

Stick electrode holder

71.04.004	STICK ELECTRODE HOLDER 400A - POWER CABLE 50mm ² - L.4m
-----------	--

Earth cable

71.05.013	WORK CABLE - 50mm ² - L.4m
-----------	---------------------------------------

Power source trolley

71.03.085	POWER SOURCE TROLLEY GT 150
71.03.086	POWER SOURCE TROLLEY GT 350 (only for air cooled units)
71.03.054	TIG RODS HOLDER KIT
71.03.079	POWER SOURCE TROLLEY GT 400
71.03.087	POWER SOURCE TROLLEY GT 600
71.03.092	TRAY KIT - TORCH HOLDERS
71.03.078	POWER SOURCE TROLLEY GT 400 WF
71.03.088	POWER SOURCE TROLLEY GT 600 WF
71.03.091	LIFTING KIT
71.03.093	CABLE SUPPORT KIT
71.03.094	TORCHE/CABLE SUPPORT KIT
71.03.043	TIG RODS HOLDER KIT

ACCESSORIES**Weld@Net System**

74.04.06701	KIT SW WELD@NET PRODUCTION MONITOR NX
74.04.06601	KIT SW WELD@NET PRODUCTION CONTROL MONITOR NX
74.04.070	WELD@NET MONITOR - ADD-ON LICENSE
74.04.071	WELD@NET CONTROL MONITOR - ADD-ON LICENSE
71.02.204	RI XP INTERFACE
71.02.203	RI XP CONNECTION CABLE
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE 10m

WELDING PROCESS

- MMA (Electrode)
- Air Carbon Arc gouging
- TIG DC Lift start
- MIG/MAG short spray manual arc
- MIG/MAG short spray synergic arc
- MIG/MAG short spray pulsed
- MIG/MAG pulsed synergic
- MIG/MAG double pulsed synergic
- MIG/MAG brazing
- MIG/MAG plating
- Hard Facing MIG/MAG

APPLICATIONS

- Light job shop fabrication
- Medium-heavy job shop fabrication
- Heavy job shop fabrication
- Building sites
- Shipyards
- Plants machinery construction
- Oil refinery plants construction
- Machine and apparatus construction
- Automobile industry
- Railway industry
- Nuclear industry
- Military industry
- Aeronautics and Aerospace industry
- Food industry
- Chemical industry
- Ordinary maintenance
- Repair and overhaul
- Workshops
- Sheet metal working

MATERIALS

- Unalloyed steel
- High alloyed steel
- Aluminum alloy
- Nickel alloy
- Copper alloy



TECHNICAL FEATURES

- "greenWave" inverter technology for high energy efficiency and perfect control over all welding phases
- High power at 100% of duty cycle
- Heavy duty and environmental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Linear controlled fan on demand
- Energy-saving inverter technology (built-in P.F.C. - power factor controller)
- Wire feeder unit (2/4 roll drives)
- Wire drive unit fully designed by voestalpine Böhler Welding
- Full parameters control panel on wire feeder unit
- Ø 200/300 mm wire spool compatible
- Full digital and user-friendly LCD graphic display control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Back-up/Restore automatic
- User-defined welding program storage capability (240 free memory locations)
- Totally programmable user interface
- Lock-unlock function key protected by password
- Programmable welding operations safety limits
- Control of several welding units over Ethernet
- Totally welding process remote programming and management by PC network
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Synergic setting for optimal stick welding with multiple types of electrodes
- Reduced electromagnetic interference with lift start TIG welding
- 2/4 step operating mode
- Arc dynamic adjustment
- Perfect arc ignition (soft start - motor slope)
- Burn-back and droplet detachment correction
- Crater filler operating mode
- Synergic operations from databank
- Synergic operations from databank (DEMO)
- Wire speed (0,5-22,0 m/min), amperage and piece thickness adjustment
- Spot welding mode
- Intermittent welding mode
- Bilevel MIG/MAG
- Euro adaptor - U/D MIG/MAG torch compatible
- Digital MIG/MAG torch compatible
- Push-pull torch device
- Remote control compatible
- WU cooling unit compatible
- Controlled cooling operations

Power source

URANOS NX 4000 PME				690x290x510mm		36.2kg		IP23S
 Single power supply	3x400V	S 16.9kVA P 16.1kW	X%	40°C 60% 400A 40°C 100% 360A 25°C 100% 400A	P.F. 0.95  25A	I₂ 3-400A U_o 73V		
	3x400V	S 16.9kVA P 16.1kW		40°C 60% 400A 40°C 100% 360A 25°C 100% 400A				
 Dual power supply	3x230V	S 17.4kVA P 16.5kW	X%	40°C 60% 400A 40°C 100% 360A 25°C 100% 400A	P.F. 0.95  25A	I₂ 3-400A U_o 73V		
	3x230V	S 17.4kVA P 16.5kW		40°C 60% 400A 40°C 100% 360A 25°C 100% 400A				
URANOS NX 5000 PME				690x290x510mm		37.0kg		IP23S
 Single power supply	3x400V	S 22.9kVA P 21.7kW	X%	40°C 50% 500A 40°C 60% 470A 40°C 100% 420A 25°C 80% 500A 25°C 100% 470A	P.F. 0.95  30A	I₂ 3-500A U_o 73V		
	3x400V	S 23.6kVA P 22.5kW		40°C 50% 500A 40°C 60% 470A 40°C 100% 420A 25°C 80% 500A 25°C 100% 470A				
 Dual power supply	3x230V	S 24.5kVA P 23.3kW	X%	40°C 50% 500A 40°C 60% 470A 40°C 100% 420A 25°C 80% 500A 25°C 100% 460A	P.F. 0.95  30A	I₂ 3-500A U_o 73V		
	3x230V	S 24.5kVA P 23.3kW		40°C 50% 500A 40°C 60% 470A 40°C 100% 420A 25°C 80% 500A 25°C 100% 460A				

Wire feeder unit

WF NX 2000 Classic				470x170x340mm		8.8kg		IP23S
SL 2R-2T	 0.5-22m/min	P 120W		1.0-1.2mm . . Included	 yes	 no		
	 200mm	 2		0.6-1.6mm . . Optional 0.8-1.6mm . . Aluminum 0.9-1.6mm . . Cored				
WF NX 3000 Classic				660x280x390mm		13.0kg		IP23S
SL 4R-4T	 0.5-22m/min	P 120W		1.0-1.2mm . . Included	 yes	 yes (optional)		
	 200/300mm	 4		0.6-1.6mm . . Optional 0.8-1.6mm . . Aluminum 0.9-1.6mm . . Cored				
WF NX 3000 Smart				660x280x390mm		13.0kg		IP23S
SL 4R-4T	 0.5-22m/min	P 120W		1.0-1.2mm . . Included	 yes	 yes (optional)		
	 200/300mm	 4		0.6-1.6mm . . Optional 0.8-1.6mm . . Aluminum 0.9-1.6mm . . Cored				
WF NX 4000 Classic				640x250x460mm		19.0kg		IP23S
SL 4R-4T	 0.5-22m/min	P 120W		1.0-1.2mm . . Included	 yes	 yes (optional)		
	 200/300mm	 4		0.6-1.6mm . . Optional 0.8-1.6mm . . Aluminum 0.9-1.6mm . . Cored				
WF NX 4000 Smart				640x250x460mm		19.0kg		IP23S
SL 4R-4T	 0.5-22m/min	P 120W		1.0-1.2mm . . Included	 yes	 yes (optional)		
	 200/300mm	 4		0.6-1.6mm . . Optional 0.8-1.6mm . . Aluminum 0.9-1.6mm . . Cored				

Cooling unit

WU 3000	 360Vdc	P 1.4kW		705x305x250mm		13.0kg		5.5l
---------	--	----------------	---	---------------	---	--------	---	------

CONFIGURATIONS

URANOS NX 4000 PME - MIG/MAG welding configuration - Water - WF NX 4000 SMART

55.03.065	URANOS NX 4000 PME 3X400V
79.11.00033	MASTER SOFTWARE 3 - UNALLOYED STEEL - ArcDrive PulsDrive
71.01.080	WIRE FEEDER WF NX 4000 SMART
71.06.327	WATER COOLED CABLE BUNDLE - 70mm ² - 4m
71.03.077	COOLING UNIT WU 3000
71.03.080	POWER SOURCE TROLLEY GT 500 WF
81.05.040	MT 440 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m

URANOS NX 5000 PME - MIG/MAG welding configuration - Water - WF NX 4000 SMART

55.03.064	URANOS NX 5000 PME 3X400V
79.11.00033	MASTER SOFTWARE 3 - UNALLOYED STEEL - ArcDrive PulsDrive
71.01.080	WIRE FEEDER WF NX 4000 SMART
71.06.327	WATER COOLED CABLE BUNDLE - 70mm ² - 4m
71.03.077	COOLING UNIT WU 3000
71.03.080	POWER SOURCE TROLLEY GT 500 WF
81.05.040	MT 440 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m

ACCESSORIES

Power source

55.03.065	URANOS NX 4000 PME 3X400V
55.03.067	URANOS NX 4000 PME 3X400V LCD 3.5"
55.03.069	URANOS NX 4000 PME 3X230V-3x400V
55.03.068	URANOS NX 4000 PME 3X230V-3x400V LCD 3.5"
55.03.064	URANOS NX 5000 PME 3X400V
55.03.063	URANOS NX 5000 PME 3X400V LCD 3.5"
55.03.071	URANOS NX 5000 PME 3x230V-3x400V
55.03.072	URANOS NX 5000 PME 3X230V-3X400V LCD 3.5"

Master Software

79.11.00031	MASTER SOFTWARE 1 - UNALLOYED STEEL - ArcDrive RapiDeep
79.11.00032	MASTER SOFTWARE 2 - UNALLOYED STEEL - PulsDrive QuickPulse
79.11.00033	MASTER SOFTWARE 3 - UNALLOYED STEEL - ArcDrive PulsDrive
79.11.00034	MASTER SOFTWARE 4 - HIGH ALLOYED STEEL
79.11.00035	MASTER SOFTWARE 5 - ALUMINUM AND COPPER ALLOY
79.11.00036	MASTER SOFTWARE 6 - UNIVERSAL APPLICATIONS

Wire feeder unit

71.01.070	WIRE FEEDER WF NX 2000 CLASSIC
71.01.074	WIRE FEEDER WF NX 3000 CLASSIC
71.01.075	WIREFEEDER WF NX 3000 SMART
71.01.079	WIRE FEEDER WF NX 4000 CLASSIC
71.01.080	WIRE FEEDER WF NX 4000 SMART
73.10.073	FEED UNIT BIG WHEELS - UPGRADE KIT (D.125mm)
73.10.074	FEED UNIT LITTLE WHEELS - UPGRADE KIT (D.63mm)
73.10.075	WIRE FEEDER HOLDER KIT

Cable bundle

71.06.336	WATER COOLED CABLE BUNDLE - 70mm ² - 1,5m
71.06.327	WATER COOLED CABLE BUNDLE - 70mm ² - 4m
71.06.337	WATER COOLED CABLE BUNDLE - 70mm ² - 10m
71.06.338	WATER COOLED CABLE BUNDLE - 70mm ² - 15m
71.06.320	WATER COOLED CABLE BUNDLE - 70mm ² - 20m
71.06.321	WATER COOLED CABLE BUNDLE - 70mm ² - 30m

ACCESSORIES

Cable bundle

71.06.339	WATER COOLED CABLE BUNDLE - 95mm ² - 1,5m
71.06.340	WATER COOLED CABLE BUNDLE - 95mm ² - 4m
71.06.341	WATER COOLED CABLE BUNDLE - 95mm ² - 10m
71.06.342	WATER COOLED CABLE BUNDLE - 95mm ² - 15m
71.06.309	WATER COOLED CABLE BUNDLE - 95mm ² - 20m
71.06.310	WATER COOLED CABLE BUNDLE - 95mm ² - 30m

Cooling unit

71.03.077	COOLING UNIT WU 3000
18.91.008	COOLANT CL10 (10kg)
71.03.097	TOOL KIT - URANOS

Remote control

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m
71.02.209	REMOTE CONTROL UNIT RC 100 MP
71.02.20501	CAN BUS CONNECTION CABLE 6m
71.02.205	CAN BUS CONNECTION CABLE 10m
71.02.20504	CAN BUS CONNECTION CABLE 25m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC 180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC 180 - L.25m
71.02.211	REMOTE CONTROL UNIT RC 190 - L.6m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
71.02.215	REMOTE CONTROL UNIT RC 350 MP - L.6m
71.02.21503	REMOTE CONTROL UNIT RC 350 MP - L.20m

Torch

81.05.72812	MT 440 W MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.05.039	MT 440 W U/D MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.040	MT 440 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.05.72860	MT 540 W MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.72878	MT 540 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.05.041	MT 540 W U/D MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.042	MT 540 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.03.016	MB 501 DgMig MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.03.010	MB 501 DgMig MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.03.015	MB 501 DgMig MIG/MAG WELDING TORCH - 5m - LIQUID COOLED
81.01.143	PP PLUS 401 D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED - 45°
81.01.145	PP PLUS 401 D MIG/MAG WELDING TORCH - 8m - LIQUID COOLED - 45°
81.01.142	PP PLUS 401 D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED - STRAIGHT
81.01.144	PP PLUS 401 D MIG/MAG WELDING TORCH - 8m - LIQUID COOLED - STRAIGHT
73.11.012	PUSH PULL KIT
81.02.008	SR 26 V TIG WELDING TORCH - 4m - AIR COOLED
81.02.009	SR 26 V TIG WELDING TORCH - 8m - AIR COOLED

Stick electrode holder

71.04.006	STICK ELECTRODE HOLDER 400A - POWER CABLE 70mm ² - L.4m
-----------	--

Earth cable

71.05.014	WORK CABLE - 70mm ² - L.4m
71.05.008	WORK CABLE - 95mm ² - L.4m

ACCESSORIES

Power source trolley

71.03.081	POWER SOURCE TROLLEY GT 500
71.03.089	POWER SOURCE TROLLEY GT 700
71.03.092	TRAY KIT - TORCH HOLDERS
71.03.080	POWER SOURCE TROLLEY GT 500 WF
71.03.090	POWER SOURCE TROLLEY GT 700 WF
71.03.091	LIFTING KIT
71.03.093	CABLE SUPPORT KIT
71.03.094	TORCHE/CABLE SUPPORT KIT
71.03.043	TIG RODS HOLDER KIT

Weld@Net System

74.04.06701	KIT SW WELD@NET PRODUCTION MONITOR NX
74.04.06601	KIT SW WELD@NET PRODUCTION CONTROL MONITOR NX
74.04.070	WELD@NET MONITOR - ADD-ON LICENSE
74.04.071	WELD@NET CONTROL MONITOR - ADD-ON LICENSE
71.02.204	RI XP INTERFACE
71.02.203	RI XP CONNECTION CABLE
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE 10m

WELDING PROCESS

- MMA (Electrode)
- Air Carbon Arc gouging
- TIG DC Lift start
- MIG/MAG short spray manual arc
- MIG/MAG short spray synergic arc
- MIG/MAG short spray pulsed
- MIG/MAG pulsed synergic
- MIG/MAG double pulsed synergic

MATERIALS

- Unalloyed steel
- High alloyed steel
- Aluminum alloy

APPLICATIONS

- Light job shop fabrication
- Medium-heavy job shop fabrication
- Heavy job shop fabrication
- Building sites
- Shipyards
- Plants machinery construction
- Oil refinery plants construction
- Machine and apparatus construction
- Automobile industry
- Railway industry
- Nuclear industry
- Military industry
- Aeronautics and Aerospace industry
- Food industry
- Chemical industry
- Ordinary maintenance
- Repair and overhaul
- Workshops
- Sheet metal working

**TECHNICAL FEATURES**

- Inverter technology power source for improved arc dynamics and complete control of all welding phases.
- High power at 100% of duty cycle
- Heavy duty and environmental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Linear controlled fan on demand
- Built-in wire feeder unit 4 rolls drive
- Wire drive unit fully designed by voestalpine Böhler Welding
- Ø 200/300 mm wire spool compatible
- Full digital and user-friendly LCD graphic display control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Back-up/Restore automatic
- User-defined welding program storage capability (240 free memory locations)
- Totally programmable user interface
- Lock-unlock function key protected by password
- Programmable welding operations safety limits
- Control of several welding units over Ethernet
- Totally welding process remote programming and management by PC network
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Synergic setting for optimal stick welding with multiple types of electrodes
- Reduced electromagnetic interference with lift start TIG welding
- 2/4 step operating mode
- Arc dynamic adjustment
- Perfect arc ignition (soft start - motor slope)
- Burn-back and droplet detachment correction
- Crater filler operating mode
- Synergic operations from databank (88 pre-set programs)
- Synergic operations from databank (DEMO)
- Wire speed (0,5-22,0 m/min), amperage and piece thickness adjustment
- Spot welding mode
- Intermittent welding mode
- Bilevel MIG/MAG
- Euro adaptor - U/D MIG/MAG torch compatible
- Push-pull torch device
- Remote control compatible
- WU cooling unit compatible
- Controlled cooling operations

Power source

TERRA NX 320 PMC SteelDrive				690x290x510mm		33.0kg		IP23S
		S 14.8kVA	X%	40°C 45% 320A		0.74		3-320A
		P 11.0kW		40°C 60% 280A				
		40°C 100% 240A						
		25°C 80% 320A						
				25°C 100% 280A				61V
		S 14.8kVA	X%	40°C 45% 300A		0.74		3-320A
P 11.0kW		40°C 60% 280A						
	40°C 100% 240A							
	25°C 80% 300A							
				25°C 100% 280A				61V

TERRA NX 400 PMC SteelDrive				690x290x510mm		34.0kg		IP23S
		S 20.9kVA	X%	40°C 40% 400A		0.73		3-400A
		P 15.3kW		40°C 60% 360A				
		40°C 100% 330A						
		25°C 100% 400A						
		S 22.2kVA	X%	40°C 40% 400A		0.73		3-400A
P 16.2kW		40°C 60% 360A						
	40°C 100% 330A							
	25°C 100% 400A							

Wirefeeder (integrated)

SL4R-4T		0.5-2.2mm/min	P 120W		1.0-1.2mm . . Included		yes		yes (optional)
		200/300mm			4		0.6-1.6mm . . Optional		
					0.8-1.6mm . . Aluminum				
					0.9-1.6mm . . Cored				

Cooling unit

WU 430		1x400Vac	P 1.25kW		705x305x250mm		16.0kg		5.5l
---------------	--	----------	-----------------	--	---------------	--	--------	--	------

CONFIGURATIONS

TERRA NX 320 PMC SteelDrive - MIG/MAG welding configuration - Gas

55.15.017	TERRA NX 320 PMC STEELDRIVE 3x400V
	MASTER SOFTWARE - TERRA NX PMC/PME - INCLUDED
71.03.081	POWER SOURCE TROLLEY GT 500
81.05.038	MT 350 G U/D MIG/MAG WELDING TORCH - 4m - AIR COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m

TERRA NX 320 PMC SteelDrive - MIG/MAG welding configuration - Water

55.15.017	TERRA NX 320 PMC STEELDRIVE 3x400V
	MASTER SOFTWARE - TERRA NX PMC/PME - INCLUDED
71.03.107	COOLING UNIT WU 430
71.03.081	POWER SOURCE TROLLEY GT 500
81.05.040	MT 440 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m

TERRA NX 400 PMC SteelDrive - MIG/MAG welding configuration - Water

55.15.018	TERRA NX 400 PMC STEELDRIVE 3x400V
	MASTER SOFTWARE - TERRA NX PMC/PME - INCLUDED
71.03.107	COOLING UNIT WU 430
71.03.081	POWER SOURCE TROLLEY GT 500
81.05.040	MT 440 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m

ACCESSORIES

Power source

55.15.017	TERRA NX 320 PMC STEELDRIVE 3x400V
55.15.018	TERRA NX 400 PMC STEELDRIVE 3x400V

Additional welding programs

79.AK.001	LICENSE FOR ADDITIONAL WELDING PROGRAMS - TERRA NX
-----------	--

Cooling unit

71.03.107	COOLING UNIT WU 430
18.91.008	COOLANT CL10 (10kg)
71.03.098	TOOL KIT - TERRA

Remote control

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m
71.02.209	REMOTE CONTROL UNIT RC 100 MP
71.02.205	CAN BUS CONNECTION CABLE 10m
71.02.20502	CAN BUS CONNECTION CABLE 15m
71.02.20504	CAN BUS CONNECTION CABLE 25m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC 180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC 180 - L.25m
71.02.211	REMOTE CONTROL UNIT RC 190 - L.6m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m

Torch

81.05.72795	MT 350 G MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.72807	MT 350 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.05.037	MT 350 G U/D MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.038	MT 350 G U/D MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.05.72812	MT 440 W MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.05.039	MT 440 W U/D MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.040	MT 440 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.05.72860	MT 540 W MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.72878	MT 540 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.05.041	MT 540 W U/D MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.042	MT 540 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.01.143	PP PLUS 401 D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED - 45°
81.01.145	PP PLUS 401 D MIG/MAG WELDING TORCH - 8m - LIQUID COOLED - 45°
81.01.142	PP PLUS 401 D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED - STRAIGHT
81.01.144	PP PLUS 401 D MIG/MAG WELDING TORCH - 8m - LIQUID COOLED - STRAIGHT
73.11.012	PUSH PULL KIT
81.02.008	SR 26 V TIG WELDING TORCH - 4m - AIR COOLED
81.02.009	SR 26 V TIG WELDING TORCH - 8m - AIR COOLED

Stick electrode holder

71.04.004	STICK ELECTRODE HOLDER 400A - POWER CABLE 50mm ² - L.4m
71.04.006	STICK ELECTRODE HOLDER 400A - POWER CABLE 70mm ² - L.4m

Earth cable

71.05.013	WORK CABLE - 50mm ² - L.4m
71.05.014	WORK CABLE - 70mm ² - L.4m
71.05.008	WORK CABLE - 95mm ² - L.4m

Power source trolley

71.03.081	POWER SOURCE TROLLEY GT 500
71.03.089	POWER SOURCE TROLLEY GT 700
71.03.092	TRAY KIT - TORCH HOLDERS
71.03.091	LIFTING KIT
71.03.093	CABLE SUPPORT KIT
71.03.094	TORCHE/CABLE SUPPORT KIT
71.03.043	TIG RODS HOLDER KIT

ACCESSORIES**Weld@Net System**

79.AK.002	WELDNET PRODUCTION MONITOR/CONTROL MONITOR NX LICENSE - TERRA NX
74.04.06701	KIT SW WELD@NET PRODUCTION MONITOR NX
74.04.06601	KIT SW WELD@NET PRODUCTION CONTROL MONITOR NX
74.04.070	WELD@NET MONITOR - ADD-ON LICENSE
74.04.071	WELD@NET CONTROL MONITOR - ADD-ON LICENSE
71.02.204	RI XP INTERFACE
71.02.203	RI XP CONNECTION CABLE
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE 10m

WELDING PROCESS

- MMA (Electrode)
- TIG DC Lift start
- Air Carbon Arc gouging
- MIG/MAG short spray manual arc
- MIG/MAG short spray synergic arc
- MIG/MAG short spray pulsed
- MIG/MAG pulsed synergic
- MIG/MAG double pulsed synergic

MATERIALS

- Unalloyed steel
- High alloyed steel
- Aluminum alloy

APPLICATIONS

- Light job shop fabrication
- Medium-heavy job shop fabrication
- Building sites
- Shipyards
- Plants machinery construction
- Oil refinery plants construction
- Machine and apparatus construction
- Automobile industry
- Railway industry
- Nuclear industry
- Military industry
- Aeronautics and Aerospace industry
- Food industry
- Chemical industry
- Ordinary maintenance
- Repair and overhaul
- Workshops
- Sheet metal working

**TECHNICAL FEATURES**

- Inverter technology power source for improved arc dynamics and complete control of all welding phases.
- High power at 100% of duty cycle
- Heavy duty and environmental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Linear controlled fan on demand
- Wire feeder unit (2/4 roll drives)
- Wire drive unit fully designed by voestalpine Böhler Welding
- Full parameters control panel on wire feeder unit
- Ø 200/300 mm wire spool compatible
- Full digital and user-friendly LCD graphic display control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Back-up/Restore automatic
- User-defined welding program storage capability (240 free memory locations)
- Totally programmable user interface
- Programmable welding operations safety limits
- Lock-unlock function key protected by password
- Control of several welding units over Ethernet
- Totally welding process remote programming and management by PC network
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Synergic setting for optimal stick welding with multiple types of electrodes
- Reduced electromagnetic interference with lift start TIG welding
- 2/4 step operating mode
- Arc dynamic adjustment
- Perfect arc ignition (soft start - motor slope)
- Burn-back and droplet detachment correction
- Crater filler operating mode
- Synergic operations from databank
- Synergic operations from databank (DEMO)
- Wire speed (0,5-22,0 m/min), amperage and piece thickness adjustment
- Spot welding mode
- Intermittent welding mode
- Bilevel MIG/MAG
- Euro adaptor - U/D MIG/MAG torch compatible
- Push-pull torch device
- Remote control compatible
- WU cooling unit compatible
- Controlled cooling operations

Power source

TERRA NX 320 PME			620x240x460mm		20.2kg		IP23S					
 3x400V	 MIG/MAG	S	16.2kVA	X%	40°C	50%	320A	P.F.	0.68	I₂	3-320A	
		P	10.9kW		40°C	60%	310A					
					40°C	100%	260A					
				25°C	90%	320A		U_o	61V			
				25°C	100%	310A						
		 TIG	S	16.2kVA	X%	40°C	60%	320A	P.F.	0.68	I₂	3-320A
	P		10.9kW	40°C		100%	270A					
				25°C		90%	320A					
			25°C	100%	310A		U_o	61V				
	 MMA	S	16.2kVA	X%	40°C	50%	300A	P.F.	0.68	I₂	3-320A	
P		10.9kW	40°C		60%	290A						
			40°C		100%	250A						
			25°C	80%	300A		U_o	61V				
			25°C	100%	290A							

Wire feeder unit

WF NX 230 SteelDrive			470x170x340mm		8.8kg		IP23S			
SL 2R-2T		0.5-22m/min	P	120W		1.0-1.2mm . . Included		yes		no
		200mm						2		0.6-1.6mm . . Optional
						0.8-1.6mm . . Aluminum				
						0.9-1.6mm . . Cored				
WF NX 330 SteelDrive			660x280x390mm		13.0kg		IP23S			
SL 4R-4T		0.5-22m/min	P	120W		1.0-1.2mm . . Included		yes		yes (optional)
		200/300mm						4		0.6-1.6mm . . Optional
						0.8-1.6mm . . Aluminum				
						0.9-1.6mm . . Cored				
WF NX 430 SteelDrive			640x250x460mm		19.0kg		IP23S			
SL 4R-4T		0.5-22m/min	P	120W		1.0-1.2mm . . Included		yes		yes (optional)
		200/300mm						4		0.6-1.6mm . . Optional
						0.8-1.6mm . . Aluminum				
						0.9-1.6mm . . Cored				

Cooling unit

WU 230		1x400Vac	P	1.0kW		660x240x220mm		12.0kg		3.0l
---------------	---	----------	----------	-------	---	---------------	---	--------	---	------

CONFIGURATIONS

TERRA NX 320 PME - MIG/MAG welding configuration - Gas

55.13.012	TERRA NX 320 PME 3X400V
	MASTER SOFTWARE - TERRA NX PMC/PME - INCLUDED
71.01.078	WIRE FEEDER WF NX 330 STEELDRIVE
71.06.329	AIR CABLE BUNDLE - 50mm ² - 4m
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.05.038	MT 350 G U/D MIG/MAG WELDING TORCH - 4m - AIR COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m

TERRA NX 320 PME - MIG/MAG welding configuration - Water

55.13.012	TERRA NX 320 PME 3X400V
	MASTER SOFTWARE - TERRA NX PMC/PME - INCLUDED
71.01.078	WIRE FEEDER WF NX 330 STEELDRIVE
71.06.335	WATER COOLED CABLE BUNDLE - 50mm ² - 4m
71.03.071	COOLING UNIT WU 230 - TERRA
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.05.040	MT 440 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m

ACCESSORIES

Power source

55.13.012	TERRA NX 320 PME 3X400V
-----------	-------------------------

Additional welding programs

79.AK.001	LICENSE FOR ADDITIONAL WELDING PROGRAMS - TERRA NX
-----------	--

Wire feeder unit

71.01.073	WIRE FEEDER WF NX 230 STEELDRIVE
71.01.078	WIRE FEEDER WF NX 330 STEELDRIVE
71.01.083	WIRE FEEDER WF NX 430 STEELDRIVE
73.10.073	FEED UNIT BIG WHEELS - UPGRADE KIT (D.125mm)
73.10.074	FEED UNIT LITTLE WHEELS - UPGRADE KIT (D.63mm)
73.10.075	WIRE FEEDER HOLDER KIT
73.11.015	REMOTE CONTROL WIRING KIT

Cable bundle

71.06.328	AIR CABLE BUNDLE - 50mm ² - 1,5m
71.06.329	AIR CABLE BUNDLE - 50mm ² - 4m
71.06.330	AIR CABLE BUNDLE - 70mm ² - 1,5m
71.06.331	AIR CABLE BUNDLE - 70mm ² - 4m
71.06.332	AIR CABLE BUNDLE - 70mm ² - 10m
71.06.333	AIR CABLE BUNDLE - 70mm ² - 15m
71.06.317	AIR CABLE BUNDLE - 70mm ² - 20m
71.06.318	AIR CABLE BUNDLE - 70mm ² - 30m
71.06.334	WATER COOLED CABLE BUNDLE - 50mm ² - 1,5m
71.06.335	WATER COOLED CABLE BUNDLE - 50mm ² - 4m
71.06.336	WATER COOLED CABLE BUNDLE - 70mm ² - 1,5m
71.06.327	WATER COOLED CABLE BUNDLE - 70mm ² - 4m
71.06.337	WATER COOLED CABLE BUNDLE - 70mm ² - 10m
71.06.338	WATER COOLED CABLE BUNDLE - 70mm ² - 15m
71.06.320	WATER COOLED CABLE BUNDLE - 70mm ² - 20m
71.06.321	WATER COOLED CABLE BUNDLE - 70mm ² - 30m

Cooling unit

71.03.071	COOLING UNIT WU 230 - TERRA
18.91.008	COOLANT CL10 (10kg)
71.03.100	TOOL KIT - TERRA

Remote control

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m
71.02.209	REMOTE CONTROL UNIT RC 100 MP
71.02.20501	CAN BUS CONNECTION CABLE 6m
71.02.205	CAN BUS CONNECTION CABLE 10m
71.02.20504	CAN BUS CONNECTION CABLE 25m
71.02.197	REMOTE CONTROL UNIT RC 120 - L.6m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC 180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC 180 - L.25m
71.02.211	REMOTE CONTROL UNIT RC 190 - L.6m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
73.11.015	REMOTE CONTROL WIRING KIT

Torch

81.05.72795	MT 350 G MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.72807	MT 350 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.05.037	MT 350 G U/D MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.038	MT 350 G U/D MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.05.72812	MT 440 W MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.05.039	MT 440 W U/D MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.040	MT 440 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED

ACCESSORIES

Torch

81.01.143	PP PLUS 401 D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED - 45°
81.01.145	PP PLUS 401 D MIG/MAG WELDING TORCH - 8m - LIQUID COOLED - 45°
81.01.142	PP PLUS 401 D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED - STRAIGHT
81.01.144	PP PLUS 401 D MIG/MAG WELDING TORCH - 8m - LIQUID COOLED - STRAIGHT
73.11.012	PUSH PULL KIT
81.02.008	SR 26 V TIG WELDING TORCH - 4m - AIR COOLED
81.02.009	SR 26 V TIG WELDING TORCH - 8m - AIR COOLED

Stick electrode holder

71.04.004	STICK ELECTRODE HOLDER 400A - POWER CABLE 50mm ² - L.4m
-----------	--

Earth cable

71.05.013	WORK CABLE - 50mm ² - L.4m
-----------	---------------------------------------

Power source trolley

71.03.085	POWER SOURCE TROLLEY GT 150
71.03.086	POWER SOURCE TROLLEY GT 350 (only for air cooled units)
71.03.054	TIG RODS HOLDER KIT
71.03.079	POWER SOURCE TROLLEY GT 400
71.03.087	POWER SOURCE TROLLEY GT 600
71.03.092	TRAY KIT - TORCH HOLDERS
71.03.078	POWER SOURCE TROLLEY GT 400 WF
71.03.088	POWER SOURCE TROLLEY GT 600 WF
71.03.091	LIFTING KIT
71.03.093	CABLE SUPPORT KIT
71.03.094	TORCHE/CABLE SUPPORT KIT
71.03.043	TIG RODS HOLDER KIT

Weld@Net System

79.AK.002	WELDNET PRODUCTION MONITOR/CONTROL MONITOR NX LICENSE - TERRA NX
74.04.06701	KIT SW WELD@NET PRODUCTION MONITOR NX
74.04.06601	KIT SW WELD@NET PRODUCTION CONTROL MONITOR NX
74.04.070	WELD@NET MONITOR - ADD-ON LICENSE
74.04.071	WELD@NET CONTROL MONITOR - ADD-ON LICENSE
71.02.204	RI XP INTERFACE
71.02.203	RI XP CONNECTION CABLE
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE 10m

WELDING PROCESS

- MMA (Electrode)
- Air Carbon Arc gouging
- TIG DC Lift start
- MIG/MAG short spray manual arc
- MIG/MAG short spray synergic arc
- MIG/MAG short spray pulsed
- MIG/MAG pulsed synergic
- MIG/MAG double pulsed synergic

APPLICATIONS

- Light job shop fabrication
- Medium-heavy job shop fabrication
- Heavy job shop fabrication
- Building sites
- Shipyards
- Plants machinery construction
- Oil refinery plants construction
- Machine and apparatus construction
- Automobile industry
- Railway industry
- Nuclear industry
- Military industry
- Aeronautics and Aerospace industry
- Food industry
- Chemical industry
- Ordinary maintenance
- Repair and overhaul
- Workshops
- Sheet metal working

MATERIALS

- Unalloyed steel
- High alloyed steel
- Aluminum alloy

**TECHNICAL FEATURES**

- Inverter technology power source for improved arc dynamics and complete control of all welding phases.
- High power at 100% of duty cycle
- Heavy duty and environmental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Linear controlled fan on demand
- Wire feeder unit (2/4 roll drives)
- Wire drive unit fully designed by voestalpine Böhler Welding
- Full parameters control panel on wire feeder unit
- Ø 200/300 mm wire spool compatible
- Full digital and user-friendly LCD graphic display control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Back-up/Restore automatic
- User-defined welding program storage capability (240 free memory locations)
- Totally programmable user interface
- Lock-unlock function key protected by password
- Programmable welding operations safety limits
- Control of several welding units over Ethernet
- Totally welding process remote programming and management by PC network
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Synergic setting for optimal stick welding with multiple types of electrodes
- Reduced electromagnetic interference with lift start TIG welding
- 2/4 step operating mode
- Arc dynamic adjustment
- Perfect arc ignition (soft start - motor slope)
- Burn-back and droplet detachment correction
- Crater filler operating mode
- Synergic operations from databank
- Synergic operations from databank (DEMO)
- Wire speed (0,5-22,0 m/min), amperage and piece thickness adjustment
- Spot welding mode
- Intermittent welding mode
- Bilevel MIG/MAG
- Euro adaptor - U/D MIG/MAG torch compatible
- Push-pull torch device
- Remote control compatible
- WU cooling unit compatible
- Controlled cooling operations

Power source

TERRA NX 400 PME			690x290x510mm		27.5kg		IP23S		
 3x400V	S	22.0kVA	X%	40°C	50%	400A	P.F. 0.74		
				40°C	60%	360A			
				40°C	100%	340A			
	P	16.2kW		25°C	80%	400A			30A
				25°C	100%	360A			U_o 61V
TERRA NX 500 PME			690x290x510mm		32.5kg		IP23S		
 3x400V	S	29.7kVA	X%	40°C	50%	500A	P.F. 0.74		
				40°C	60%	470A			
				40°C	100%	420A			
	P	22.2kW		25°C	80%	500A			40A
				25°C	100%	470A			U_o 61V

Wire feeder unit

WF NX 230 SteelDrive			470x170x340mm		8.8kg		IP23S		
SL 2R-2T		0.5-22m/min	P 120W		1.0-1.2mm . . Included		yes		no
		200mm					2	0.6-1.6mm . . Optional	
WF NX 330 SteelDrive			660x280x390mm		13.0kg		IP23S		
SL 4R-4T		0.5-22m/min	P 120W		1.0-1.2mm . . Included		yes		yes (optional)
		200/300mm					4	0.6-1.6mm . . Optional	
WF NX 430 SteelDrive			640x250x460mm		19.0kg		IP23S		
SL 4R-4T		0.5-22m/min	P 120W		1.0-1.2mm . . Included		yes		yes (optional)
		200/300mm					4	0.6-1.6mm . . Optional	

Cooling unit

WU 430		1x400Vac	P 1.25kW		705x305x250mm		16.0kg		5.5l
---------------	---	----------	-----------------	---	---------------	---	--------	---	------

CONFIGURATIONS

TERRA NX 400 PME - MIG/MAG welding configuration - Water

55.13.013	TERRA NX 400 PME 3X400V
	MASTER SOFTWARE - TERRA NX PMC/PME - INCLUDED
71.01.078	WIRE FEEDER WF NX 330 STEELDRIVE
71.06.327	WATER COOLED CABLE BUNDLE - 70mm ² - 4m
71.03.107	COOLING UNIT WU 430
71.03.080	POWER SOURCE TROLLEY GT 500 WF
81.05.040	MT 440 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m

TERRA NX 500 PME - MIG/MAG welding configuration - Water

55.13.014	TERRA NX 500 PME 3X400V
	MASTER SOFTWARE - TERRA NX PMC/PME - INCLUDED
71.01.078	WIRE FEEDER WF NX 330 STEELDRIVE
71.06.327	WATER COOLED CABLE BUNDLE - 70mm ² - 4m
71.03.107	COOLING UNIT WU 430
71.03.080	POWER SOURCE TROLLEY GT 500 WF
81.05.040	MT 440 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m

ACCESSORIES

Power source

55.13.013	TERRA NX 400 PME 3X400V
55.13.014	TERRA NX 500 PME 3X400V

Additional welding programs

79.AK.001	LICENSE FOR ADDITIONAL WELDING PROGRAMS - TERRA NX
-----------	--

Wire feeder unit

71.01.073	WIRE FEEDER WF NX 230 STEELDRIVE
71.01.078	WIRE FEEDER WF NX 330 STEELDRIVE
71.01.083	WIRE FEEDER WF NX 430 STEELDRIVE
73.10.073	FEED UNIT BIG WHEELS - UPGRADE KIT (D.125mm)
73.10.074	FEED UNIT LITTLE WHEELS - UPGRADE KIT (D.63mm)
73.10.075	WIRE FEEDER HOLDER KIT
73.11.015	REMOTE CONTROL WIRING KIT

Cable bundle

71.06.336	WATER COOLED CABLE BUNDLE - 70mm ² - 1,5m
71.06.327	WATER COOLED CABLE BUNDLE - 70mm ² - 4m
71.06.337	WATER COOLED CABLE BUNDLE - 70mm ² - 10m
71.06.338	WATER COOLED CABLE BUNDLE - 70mm ² - 15m
71.06.320	WATER COOLED CABLE BUNDLE - 70mm ² - 20m
71.06.321	WATER COOLED CABLE BUNDLE - 70mm ² - 30m
71.06.339	WATER COOLED CABLE BUNDLE - 95mm ² - 1,5m
71.06.340	WATER COOLED CABLE BUNDLE - 95mm ² - 4m
71.06.341	WATER COOLED CABLE BUNDLE - 95mm ² - 10m
71.06.342	WATER COOLED CABLE BUNDLE - 95mm ² - 15m
71.06.309	WATER COOLED CABLE BUNDLE - 95mm ² - 20m
71.06.310	WATER COOLED CABLE BUNDLE - 95mm ² - 30m

Cooling unit

71.03.107	COOLING UNIT WU 430
18.91.008	COOLANT CL10 (10kg)
71.03.098	TOOL KIT - TERRA

Remote control

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m
71.02.209	REMOTE CONTROL UNIT RC 100 MP
71.02.205	CAN BUS CONNECTION CABLE 10m
71.02.20502	CAN BUS CONNECTION CABLE 15m
71.02.20504	CAN BUS CONNECTION CABLE 25m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC 180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC 180 - L.25m
71.02.211	REMOTE CONTROL UNIT RC 190 - L.6m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
73.11.015	REMOTE CONTROL WIRING KIT

ACCESSORIES

Torch

81.05.72812	MT 440 W MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.05.039	MT 440 W U/D MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.040	MT 440 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.05.72860	MT 540 W MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.72878	MT 540 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.05.041	MT 540 W U/D MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.042	MT 540 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.01.143	PP PLUS 401 D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED - 45°
81.01.145	PP PLUS 401 D MIG/MAG WELDING TORCH - 8m - LIQUID COOLED - 45°
81.01.142	PP PLUS 401 D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED - STRAIGHT
81.01.144	PP PLUS 401 D MIG/MAG WELDING TORCH - 8m - LIQUID COOLED - STRAIGHT
73.11.012	PUSH PULL KIT
81.02.008	SR 26 V TIG WELDING TORCH - 4m - AIR COOLED
81.02.009	SR 26 V TIG WELDING TORCH - 8m - AIR COOLED

Stick electrode holder

71.04.006	STICK ELECTRODE HOLDER 400A - POWER CABLE 70mm ² - L.4m
-----------	--

Earth cable

71.05.014	WORK CABLE - 70mm ² - L.4m
71.05.008	WORK CABLE - 95mm ² - L.4m

Power source trolley

71.03.081	POWER SOURCE TROLLEY GT 500
71.03.089	POWER SOURCE TROLLEY GT 700
71.03.092	TRAY KIT - TORCH HOLDERS
71.03.080	POWER SOURCE TROLLEY GT 500 WF
71.03.090	POWER SOURCE TROLLEY GT 700 WF
71.03.091	LIFTING KIT
71.03.093	CABLE SUPPORT KIT
71.03.094	TORCHE/CABLE SUPPORT KIT
71.03.043	TIG RODS HOLDER KIT

Weld@Net System

79.AK.002	WELDNET PRODUCTION MONITOR/CONTROL MONITOR NX LICENSE - TERRA NX
74.04.06701	KIT SW WELD@NET PRODUCTION MONITOR NX
74.04.06601	KIT SW WELD@NET PRODUCTION CONTROL MONITOR NX
74.04.070	WELD@NET MONITOR - ADD-ON LICENSE
74.04.071	WELD@NET CONTROL MONITOR - ADD-ON LICENSE
71.02.204	RI XP INTERFACE
71.02.203	RI XP CONNECTION CABLE
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE 10m

WELDING PROCESS

- MMA (Electrode)
- TIG DC Lift and HF start
- MIG/MAG short spray manual arc
- MIG/MAG short spray pulsed
- MIG/MAG short spray synergic arc
- MIG/MAG pulsed synergic
- MIG/MAG double pulsed synergic
- MIG/MAG brazing
- MIG/MAG plating
- MIG/MAG hardfacing

APPLICATIONS

- Light job shop fabrication
- Building sites
- Shipyards
- Plants machinery construction
- Automobile industry
- Railway industry
- Food industry
- Chemical industry
- Ordinary maintenance
- Workshops
- Sheet metal working



MATERIALS

- Unalloyed steel
- High alloyed steel
- Aluminum alloy
- Nickel alloy
- Copper alloy



TECHNICAL FEATURES

- "greenWave" inverter technology for high energy efficiency and perfect control over all welding phases
- Heavy duty and enviromental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- Reduced dimensions and compact construction
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Linear controlled fan on demand
- Energy-saving inverter technology (built-in P.F.C. - power factor controller)
- Built-in wire feeder unit (4 Roll drives)
- Wire drive unit fully designed by voestalpine Böhler Welding
- Ø 200/300 mm wire spool compatible
- Welding polarity switch device
- Full digital and user-friendly LCD graphic display control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Back-up/Restore automatic
- User-defined welding program storage capability (240 free memory locations)
- Totally programmable user interface
- Programmable welding operations safety limits
- Lock-unlock function key protected by password
- Complete management of multiple systems on Ethernet
- Software for supervision and full parameter setting of welding operations
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Synergic setting for optimal stick welding with multiple types of electrodes
- Precise arc striking and high stability arc
- 2/4 step operating mode
- Arc dynamic adjustment
- Perfect arc ignition (soft start - motor slope)
- Burn-back and droplet detachment correction
- Crater filler operating mode
- Synergic operations from databank
- Wire speed (0,5-22,0 m/min), amperage and piece thickness adjustment
- Spot welding mode
- Intermittent welding mode
- Bilevel MIG/MAG
- Up/Down torch compatible (welding current adjustment)
- Digital TIG torch compatible
- Smart slope control
- Euro adaptor - U/D MIG/MAG torch compatible
- Digital MIG/MAG torch compatible
- Push-pull torch device
- Remote control compatible
- WU cooling unit compatible
- Controlled cooling operations

Power source

URANOS NX 2200 MTE			620x270x460mm				23.7kg		IP23S			
		S	6.4kVA	X%	40°C	35%	220A	P.F.	0.99	I₂	3-220A	
		P	6.4kW		40°C	60%	190A				25A	U_o
			40°C		100%	180A						
			25°C	100%	220A							
			S	4.9kVA	X%	40°C	40%	220A	P.F.	0.99	I₂	3-220A
			P	4.9kW		40°C	60%	200A				20A
			40°C	100%		190A						
			25°C	80%	220A							
			25°C	100%	200A							
			25°C	100%	180A							
		S	5.6kVA	X%	40°C	60%	180A	P.F.	0.99	I₂	3-180A	
	P	5.6kW	40°C		100%	170A			25A		U_o	65V
		25°C	100%		180A							

Wirefeeder (integrated)

SL 4R-4T		0.5-22m/min	P	120W		0.8-1.0mm . . Included		yes		optional
		200/300mm		4		0.6-1.6mm . . Optional				yes
						0.8-1.6mm . . Aluminum				
						0.9-1.6mm . . Cored				

Cooling unit

WU 232		1x230/400Vac	P	1.0kW		660x240x220mm		13.4kg		3.0l
---------------	---	--------------	----------	-------	---	---------------	---	--------	---	------

CONFIGURATIONS

URANOS NX 2200 MTE - LCD 3,5" - MIG/MAG welding configuration - Gas

55.06.007	URANOS NX 2200 MTE 1x230V
	MASTER SOFTWARE - URANOS NX PMC/MTE - INCLUDED
81.05.035	MT 300 G U/D MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.32.158	ST 2200 U/D TIG WELDING TORCH - 4m - AIR COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m

URANOS NX 2200 MTE - LCD 3,5" - MIG/MAG welding configuration - Water

55.06.007	URANOS NX 2200 MTE 1x230V
	MASTER SOFTWARE - URANOS NX PMC/MTE - INCLUDED
71.03.074	COOLING UNIT WU 232
81.05.040	MT 440 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.32.558	ST 3000 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m

ACCESSORIES

Power source

55.06.007	URANOS NX 2200 MTE 1x230V
-----------	---------------------------

Cooling unit

71.03.074	COOLING UNIT WU 232
18.91.008	COOLANT CL10 (10kg)
71.03.099	TOOL KIT - URANOS

Remote control

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m
71.02.209	REMOTE CONTROL UNIT RC 100 MP
71.02.20501	CAN BUS CONNECTION CABLE 6m
71.02.205	CAN BUS CONNECTION CABLE 10m
71.02.20504	CAN BUS CONNECTION CABLE 25m

ACCESSORIES

Remote control

71.02.197	REMOTE CONTROL UNIT RC 120 - L.6m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC 180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC 180 - L.25m
71.02.211	REMOTE CONTROL UNIT RC 190 - L.6m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m

Torch

81.05.72767	MT 250 G MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.72778	MT 250 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.05.033	MT 250 G U/D MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.034	MT 250 G U/D MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.05.72781	MT 300 G MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.72783	MT 300 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.05.035	MT 300 G U/D MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.036	MT 300 G U/D MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.05.72795	MT 350 G MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.72807	MT 350 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.05.037	MT 350 G U/D MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.038	MT 350 G U/D MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.03.014	MB 240 DgMig MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.03.012	MB 240 DgMig MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.05.72812	MT 440 W MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.05.039	MT 440 W U/D MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.040	MT 440 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.01.14201	PP PLUS 401 D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED - STRAIGHT
73.11.024	PUSH PULL - UPGRADE KIT
81.32.159	ST 2200 TIG WELDING TORCH - 4m - AIR COOLED
81.32.160	ST 2200 TIG WELDING TORCH - 8m - AIR COOLED
81.32.158	ST 2200 U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.161	ST 2200 U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.157	ST 2200 DIGITIG TIG WELDING TORCH - 4m - AIR COOLED
81.32.162	ST 2200 DIGITIG TIG WELDING TORCH - 8m - AIR COOLED
81.32.173	ST 2200 FX TIG WELDING TORCH - 4m - AIR COOLED
81.32.174	ST 2200 FX TIG WELDING TORCH - 8m - AIR COOLED
81.32.171	ST 2200 FX U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.172	ST 2200 FX U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.169	ST 2200 FX DIGITIG TIG WELDING TORCH - 4m - AIR COOLED
81.32.170	ST 2200 FX DIGITIG TIG WELDING TORCH - 8m - AIR COOLED
81.32.357	ST 2500 TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.358	ST 2500 TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.359	ST 2500 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.360	ST 2500 U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.361	ST 2500 DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.362	ST 2500 DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.385	ST 2500 FX TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.386	ST 2500 FX TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.383	ST 2500 FX U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.384	ST 2500 FX U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.381	ST 2500 FX DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.382	ST 2500 FX DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.391	ST 2500 MP TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.392	ST 2500 MP TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.389	ST 2500 MP U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.390	ST 2500 MP U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.387	ST 2500 MP DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.388	ST 2500 MP DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.559	ST 3000 TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.560	ST 3000 TIG WELDING TORCH - 8m - LIQUID COOLED

ACCESSORIES

Torch

81.32.558	ST 3000 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.561	ST 3000 U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.557	ST 3000 DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.562	ST 3000 DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.573	ST 3000 FX TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.574	ST 3000 FX TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.571	ST 3000 FX U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.572	ST 3000 FX U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.569	ST 3000 FX DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.570	ST 3000 FX DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.397	ST 3000 MP TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.398	ST 3000 MP TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.395	ST 3000 MP U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.396	ST 3000 MP U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.393	ST 3000 MP DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.394	ST 3000 MP DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
73.12.019	TIG TORCH CONNECTORS KIT

Stick electrode holder

71.04.005	STICK ELECTRODE HOLDER 400A - POWER CABLE 25mm ² - L.4m - PLUG 50mm ²
71.04.003	STICK ELECTRODE HOLDER 400A - POWER CABLE 35mm ² - L.4m
71.04.004	STICK ELECTRODE HOLDER 400A - POWER CABLE 50mm ² - L.4m

Earth cable

71.05.011	WORK CABLE - 25mm ² - L.4m - PLUG 50mm ²
71.05.012	WORK CABLE - 35mm ² - L.4m
71.05.013	WORK CABLE - 50mm ² - L.4m

Power source trolley

71.03.085	POWER SOURCE TROLLEY GT 150
71.03.086	POWER SOURCE TROLLEY GT 350 (only for air cooled units)
71.03.054	TIG RODS HOLDER KIT
71.03.079	POWER SOURCE TROLLEY GT 400
71.03.087	POWER SOURCE TROLLEY GT 600
71.03.091	LIFTING KIT
71.03.092	TRAY KIT - TORCH HOLDERS
71.03.093	CABLE SUPPORT KIT
71.03.094	TORCHE/CABLE SUPPORT KIT
71.03.043	TIG RODS HOLDER KIT

Weld@Net System

74.04.06701	KIT SW WELD@NET PRODUCTION MONITOR NX
74.04.06601	KIT SW WELD@NET PRODUCTION CONTROL MONITOR NX
74.04.070	WELD@NET MONITOR - ADD-ON LICENSE
74.04.071	WELD@NET CONTROL MONITOR - ADD-ON LICENSE
71.02.204	RI XP INTERFACE
71.02.203	RI XP CONNECTION CABLE
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE 10m

WELDING PROCESS

- MMA (Electrode)
- TIG DC Lift and HF start
- MIG/MAG short spray manual arc
- MIG/MAG short spray pulsed
- MIG/MAG short spray synergic arc
- MIG/MAG pulsed synergic
- MIG/MAG double pulsed synergic
- MIG/MAG brazing
- MIG/MAG plating
- MIG/MAG hardfacing

APPLICATIONS

- Light job shop fabrication
- Building sites
- Shipyards
- Plants machinery construction
- Automobile industry
- Railway industry
- Food industry
- Chemical industry
- Ordinary maintenance
- Workshops
- Sheet metal working



MATERIALS

- Unalloyed steel
- High alloyed steel
- Aluminum alloy
- Nickel alloy
- Copper alloy



TECHNICAL FEATURES

- "greenWave" inverter technology for high energy efficiency and perfect control over all welding phases
- Heavy duty and enviromental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- Reduced dimensions and compact construction
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Linear controlled fan on demand
- Energy-saving inverter technology (built-in P.F.C. - power factor controller)
- Built-in wire feeder unit (4 Roll drives)
- Wire drive unit fully designed by voestalpine Böhler Welding
- Ø 200/300 mm wire spool compatible
- Welding polarity switch device
- Full digital and user-friendly LCD graphic display control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Back-up/Restore automatic
- User-defined welding program storage capability (240 free memory locations)
- Totally programmable user interface
- Programmable welding operations safety limits
- Lock-unlock function key protected by password
- Complete management of multiple systems on Ethernet
- Software for supervision and full parameter setting of welding operations
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Synergic setting for optimal stick welding with multiple types of electrodes
- Precise arc striking and high stability arc
- 2/4 step operating mode
- Arc dynamic adjustment
- Perfect arc ignition (soft start - motor slope)
- Burn-back and droplet detachment correction
- Crater filler operating mode
- Synergic operations from databank
- Wire speed (0,5-22,0 m/min), amperage and piece thickness adjustment
- Spot welding mode
- Intermittent welding mode
- Bilevel MIG/MAG
- Up/Down torch compatible (welding current adjustment)
- Digital TIG torch compatible
- Smart slope control
- Euro adaptor - U/D MIG/MAG torch compatible
- Digital MIG/MAG torch compatible
- Push-pull torch device
- Remote control compatible
- WU cooling unit compatible
- Controlled cooling operations

Power source

URANOS NX 2700 MTE				 620x270x460mm	 25.0kg	 IP23S	
 3x400V	 MIG/MAG	S 9.1kVA	X%	40°C 45% 270A	P.F. 0.94	I₂ 3-270A	
		P 8.5kW		40°C 60% 250A			 16A
			40°C 100% 230A				
			25°C 100% 270A				
	 3x230V	 TIG	S 7.1kVA	X%	40°C 50% 270A	P.F. 0.94	I₂ 3-270A
			P 6.6kW		40°C 60% 260A		
			40°C 100% 240A				
			25°C 80% 270A				
			25°C 100% 260A				
 3x230V		 MMA	S 10.0kVA	X%	40°C 40% 270A	P.F. 0.94	I₂ 3-270A
	P 9.5kW		40°C 60% 250A		 16A		
			40°C 100% 230A				
			25°C 100% 270A				
	 3x230V	 MIG/MAG	S 9.1kVA	X%	40°C 35% 270A	P.F. 0.96	I₂ 3-270A
			P 8.7kW		40°C 60% 230A		
			40°C 100% 210A				
			25°C 70% 270A				
			25°C 100% 240A				
 3x230V		 TIG	S 7.0kVA	X%	40°C 40% 270A	P.F. 0.96	I₂ 3-270A
	P 6.7kW		40°C 60% 250A		 16A		
			40°C 100% 230A				
			25°C 80% 270A				
			25°C 100% 250A				
	 3x230V	 MMA	S 10.1kVA	X%	40°C 30% 270A	P.F. 0.96	I₂ 3-270A
P 9.7kW			40°C 60% 230A		 20A		
			40°C 100% 210A				
			25°C 70% 270A				
			25°C 100% 240A				

Wirefeeder (integrated)

SL 4R-4T	 0.5-22m/min	P 120W	 4		1.0-1.2mm . . Included	 yes	 optional
	 200/300mm				0.6-1.6mm . . Optional		
					0.8-1.6mm . . Aluminum		
					0.9-1.6mm . . Cored		

Cooling unit

WU 230	 1x400Vac	P 1.0kW	 660x240x220mm	 12.0kg	 3.0l
WU 232	 1x230/400Vac	P 1.0kW	 660x240x220mm	 13.4kg	 3.0l

CONFIGURATIONS

URANOS NX 2700 MTE - LCD 3,5" - MIG/MAG welding configuration - Gas

55.06.006	URANOS NX 2700 MTE 3x230V 3x400V
	MASTER SOFTWARE - URANOS NX PMC/MTE - INCLUDED
81.05.038	MT 350 G U/D MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.32.158	ST 2200 U/D TIG WELDING TORCH - 4m - AIR COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m

URANOS NX 2700 MTE - LCD 3,5" - MIG/MAG welding configuration - Water

55.06.006	URANOS NX 2700 MTE 3x230V 3x400V
	MASTER SOFTWARE - URANOS NX PMC/MTE - INCLUDED
71.03.073	COOLING UNIT WU 230 - URANOS
81.05.040	MT 440 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.32.558	ST 3000 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m

ACCESSORIES

Power source

55.06.006	URANOS NX 2700 MTE 3x230V 3x400V
-----------	----------------------------------

Cooling unit

71.03.073	COOLING UNIT WU 230 - URANOS
-----------	------------------------------

71.03.074	COOLING UNIT WU 232
-----------	---------------------

18.91.008	COOLANT CL10 (10kg)
-----------	---------------------

71.03.099	TOOL KIT - URANOS
-----------	-------------------

Remote control

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
-----------	-----------------------------------

71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
-------------	------------------------------------

71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
-------------	------------------------------------

71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m
-------------	------------------------------------

71.02.209	REMOTE CONTROL UNIT RC 100 MP
-----------	-------------------------------

71.02.20501	CAN BUS CONNECTION CABLE 6m
-------------	-----------------------------

71.02.205	CAN BUS CONNECTION CABLE 10m
-----------	------------------------------

71.02.20504	CAN BUS CONNECTION CABLE 25m
-------------	------------------------------

71.02.197	REMOTE CONTROL UNIT RC 120 - L.6m
-----------	-----------------------------------

71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
-----------	-----------------------------------

71.02.19801	REMOTE CONTROL UNIT RC 180 - L.10m
-------------	------------------------------------

71.02.19804	REMOTE CONTROL UNIT RC 180 - L.25m
-------------	------------------------------------

71.02.211	REMOTE CONTROL UNIT RC 190 - L.6m
-----------	-----------------------------------

71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
-----------	-----------------------------------

Torch

81.05.72781	MT 300 G MIG/MAG WELDING TORCH - 3m - AIR COOLED
-------------	--

81.05.72783	MT 300 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
-------------	--

81.05.035	MT 300 G U/D MIG/MAG WELDING TORCH - 3m - AIR COOLED
-----------	--

81.05.036	MT 300 G U/D MIG/MAG WELDING TORCH - 4m - AIR COOLED
-----------	--

81.05.72795	MT 350 G MIG/MAG WELDING TORCH - 3m - AIR COOLED
-------------	--

81.05.72807	MT 350 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
-------------	--

81.05.037	MT 350 G U/D MIG/MAG WELDING TORCH - 3m - AIR COOLED
-----------	--

81.05.038	MT 350 G U/D MIG/MAG WELDING TORCH - 4m - AIR COOLED
-----------	--

81.03.014	MB 240 DgMig MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
-----------	---

81.03.012	MB 240 DgMig MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
-----------	---

81.05.72812	MT 440 W MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
-------------	---

81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
-------------	---

81.05.039	MT 440 W U/D MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
-----------	---

81.05.040	MT 440 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
-----------	---

81.01.14201	PP PLUS 401 D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED - STRAIGHT
-------------	---

73.11.024	PUSH PULL - UPGRADE KIT
-----------	-------------------------

81.32.159	ST 2200 TIG WELDING TORCH - 4m - AIR COOLED
-----------	---

81.32.160	ST 2200 TIG WELDING TORCH - 8m - AIR COOLED
-----------	---

81.32.158	ST 2200 U/D TIG WELDING TORCH - 4m - AIR COOLED
-----------	---

81.32.161	ST 2200 U/D TIG WELDING TORCH - 8m - AIR COOLED
-----------	---

81.32.157	ST 2200 DIGITIG TIG WELDING TORCH - 4m - AIR COOLED
-----------	---

81.32.162	ST 2200 DIGITIG TIG WELDING TORCH - 8m - AIR COOLED
-----------	---

81.32.173	ST 2200 FX TIG WELDING TORCH - 4m - AIR COOLED
-----------	--

81.32.174	ST 2200 FX TIG WELDING TORCH - 8m - AIR COOLED
-----------	--

81.32.171	ST 2200 FX U/D TIG WELDING TORCH - 4m - AIR COOLED
-----------	--

81.32.172	ST 2200 FX U/D TIG WELDING TORCH - 8m - AIR COOLED
-----------	--

81.32.169	ST 2200 FX DIGITIG TIG WELDING TORCH - 4m - AIR COOLED
-----------	--

81.32.170	ST 2200 FX DIGITIG TIG WELDING TORCH - 8m - AIR COOLED
-----------	--

81.32.357	ST 2500 TIG WELDING TORCH - 4m - LIQUID COOLED
-----------	--

81.32.358	ST 2500 TIG WELDING TORCH - 8m - LIQUID COOLED
-----------	--

81.32.359	ST 2500 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
-----------	--

81.32.360	ST 2500 U/D TIG WELDING TORCH - 8m - LIQUID COOLED
-----------	--

81.32.361	ST 2500 DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
-----------	--

81.32.362	ST 2500 DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
-----------	--

ACCESSORIES

Torch

81.32.385	ST 2500 FX TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.386	ST 2500 FX TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.383	ST 2500 FX U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.384	ST 2500 FX U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.381	ST 2500 FX DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.382	ST 2500 FX DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.391	ST 2500 MP TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.392	ST 2500 MP TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.389	ST 2500 MP U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.390	ST 2500 MP U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.387	ST 2500 MP DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.388	ST 2500 MP DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.559	ST 3000 TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.560	ST 3000 TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.558	ST 3000 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.561	ST 3000 U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.557	ST 3000 DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.562	ST 3000 DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.573	ST 3000 FX TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.574	ST 3000 FX TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.571	ST 3000 FX U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.572	ST 3000 FX U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.569	ST 3000 FX DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.570	ST 3000 FX DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.397	ST 3000 MP TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.398	ST 3000 MP TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.395	ST 3000 MP U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.396	ST 3000 MP U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.393	ST 3000 MP DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.394	ST 3000 MP DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
73.12.019	TIG TORCH CONNECTORS KIT

Stick electrode holder

71.04.003	STICK ELECTRODE HOLDER 400A - POWER CABLE 35mm ² - L.4m
71.04.004	STICK ELECTRODE HOLDER 400A - POWER CABLE 50mm ² - L.4m

Earth cable

71.05.012	WORK CABLE - 35mm ² - L.4m
71.05.013	WORK CABLE - 50mm ² - L.4m

Power source trolley

71.03.085	POWER SOURCE TROLLEY GT 150
71.03.086	POWER SOURCE TROLLEY GT 350 (only for air cooled units)
71.03.054	TIG RODS HOLDER KIT
71.03.079	POWER SOURCE TROLLEY GT 400
71.03.087	POWER SOURCE TROLLEY GT 600
71.03.091	LIFTING KIT
71.03.092	TRAY KIT - TORCH HOLDERS
71.03.093	CABLE SUPPORT KIT
71.03.094	TORCHE/CABLE SUPPORT KIT
71.03.043	TIG RODS HOLDER KIT

Weld@Net System

74.04.06701	KIT SW WELD@NET PRODUCTION MONITOR NX
74.04.06601	KIT SW WELD@NET PRODUCTION CONTROL MONITOR NX
74.04.070	WELD@NET MONITOR - ADD-ON LICENSE
74.04.071	WELD@NET CONTROL MONITOR - ADD-ON LICENSE
71.02.204	RI XP INTERFACE
71.02.203	RI XP CONNECTION CABLE
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE 10m

WELDING PROCESS

- MMA (Electrode)
- TIG DC Lift and HF start
- MIG/MAG short spray manual arc
- MIG/MAG short spray synergic arc
- MIG/MAG short spray pulsed
- MIG/MAG pulsed synergic
- MIG/MAG double pulsed synergic
- MIG/MAG brazing
- MIG/MAG plating
- HardFacing MIG/MAG

APPLICATIONS

- Light job shop fabrication
- Medium-heavy job shop fabrication
- Building sites
- Shipyards
- Plants machinery construction
- Oil refinery plants construction
- Machine and apparatus construction
- Automobile industry
- Railway industry
- Nuclear industry
- Military industry
- Aeronautics and Aerospace industry
- Food industry
- Chemical industry
- Ordinary maintenance
- Repair and overhaul
- Workshops
- Sheet metal working

MATERIALS

- Unalloyed steel
- High alloyed steel
- Aluminum alloy
- Nickel alloy
- Copper alloy



TECHNICAL FEATURES

- "greenWave" inverter technology for high energy efficiency and perfect control over all welding phases
- High power at 100% of duty cycle
- Heavy duty and enviromental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Linear controlled fan on demand
- Energy-saving inverter technology (built-in P.F.C. - power factor controller)
- Wire feeder unit (2/4 roll drives)
- Wire drive unit fully designed by voestalpine Böhler Welding
- Full parameters control panel on wire feeder unit
- Ø 200/300 mm wire spool compatible
- Full digital and user-friendly LCD graphic display control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Back-up/Restore automatic
- User-defined welding program storage capability (240 free memory locations)
- Totally programmable user interface
- Programmable welding operations safety limits
- Lock-unlock function key protected by password
- Control of several welding units over Ethernet
- Totally welding process remote programming and management by PC network
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Synergic setting for optimal stick welding with multiple types of electrodes
- Precise arc striking and high stability arc
- 2/4 step operating mode
- Arc dynamic adjustment
- Perfect arc ignition (soft start - motor slope)
- Burn-back and droplet detachment correction
- Crater filler operating mode
- Synergic operations from databank
- Synergic operations from databank (DEMO)
- Wire speed (0,5-22,0 m/min), amperage and piece thickness adjustment
- Spot welding mode
- Intermittent welding mode
- Bilevel MIG/MAG
- Digital TIG torch compatible
- Smart slope control
- Digital MIG/MAG torch compatible
- Euro adaptor - U/D MIG/MAG torch compatible
- Push-pull torch device
- Remote control compatible
- WU cooling unit compatible
- Controlled cooling operations

Power source

URANOS NX 3200 GSM					620x240x460mm		27.6kg		IP23S			
 3x400V	 MIG/MAG	S	13.0kVA	X%	40°C	50%	320A	P.F.	0.95	I₂	3-320A	
		P	12.4kW		40°C	60%	310A					
						25°C	70%	320A				
						25°C	100%	270A				
		 TIG	S	13.0kVA	X%	40°C	60%	320A	P.F.	0.95	I₂	3-320A
			P	12.4kW		40°C	100%	270A				
					25°C	70%	320A					
					25°C	100%	270A					
	 MMA	S	13.0kVA	X%	40°C	50%	320A	P.F.	0.95	I₂	3-320A	
		P	12.4kW		40°C	60%	300A					
					25°C	60%	320A					
					25°C	100%	270A					
 3x230V	 MIG/MAG	S	13.3kVA	X%	40°C	35%	320A	P.F.	0.96	I₂	3-320A	
		P	12.8kW		40°C	60%	280A					
						40°C	100%	230A				
						25°C	60%	320A				
		 TIG	S	13.3kVA	X%	40°C	45%	320A	P.F.	0.96	I₂	3-320A
			P	12.8kW		40°C	60%	300A				
					40°C	100%	250A					
					25°C	70%	320A					
	 MMA	S	13.3kVA	X%	40°C	35%	320A	P.F.	0.96	I₂	3-320A	
		P	12.8kW		40°C	60%	270A					
					40°C	100%	230A					
					25°C	60%	320A					
					25°C	100%	270A					

Wire feeder unit

WFNX 2000 Classic					470x170x340mm		8.8kg		IP23S	
SL 2R-2T		0.5-22m/min	P	120W		1.0-1.2mm . . Included 0.6-1.6mm . . Optional 0.8-1.6mm . . Aluminum 0.9-1.6mm . . Cored		yes		no
		200mm		2						
WFNX 3000 Classic					660x280x390mm		13.0kg		IP23S	
SL 4R-4T		0.5-22m/min	P	120W		1.0-1.2mm . . Included 0.6-1.6mm . . Optional 0.8-1.6mm . . Aluminum 0.9-1.6mm . . Cored		yes		yes (optional)
		200/300mm		4						
WFNX 3000 Smart					660x280x390mm		13.0kg		IP23S	
SL 4R-4T		0.5-22m/min	P	120W		1.0-1.2mm . . Included 0.6-1.6mm . . Optional 0.8-1.6mm . . Aluminum 0.9-1.6mm . . Cored		yes		yes (optional)
		200/300mm		4						
WFNX 4000 Classic					640x250x460mm		19.0kg		IP23S	
SL 4R-4T		0.5-22m/min	P	120W		1.0-1.2mm . . Included 0.6-1.6mm . . Optional 0.8-1.6mm . . Aluminum 0.9-1.6mm . . Cored		yes		yes (optional)
		200/300mm		4						
WFNX 4000 Smart					640x250x460mm		19.0kg		IP23S	
SL 4R-4T		0.5-22m/min	P	120W		1.0-1.2mm . . Included 0.6-1.6mm . . Optional 0.8-1.6mm . . Aluminum 0.9-1.6mm . . Cored		yes		yes (optional)
		200/300mm		4						

Cooling unit

WU 2000		360Vdc	P	1.0kW		660x240x220mm		12.0kg		3.0l
----------------	---	--------	----------	-------	---	---------------	---	--------	---	------

CONFIGURATIONS

URANOS NX 3200 GSM - MIG/MAG welding configuration - Gas - WF NX 4000 Classic

55.04.026	URANOS NX 3200 GSM 3X230V-3X400V LCD 3.5"
79.11.00033	MASTER SOFTWARE 3 - UNALLOYED STEEL - ArcDrive PulsDrive
71.01.079	WIRE FEEDER WF NX 4000 CLASSIC
71.06.329	AIR CABLE BUNDLE - 50mm ² - 4m
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.05.038	MT 350 G U/D MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.32.158	ST 2200 U/D TIG WELDING TORCH - 4m - AIR COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m

URANOS NX 3200 GSM - MIG/MAG welding configuration - Water - WF NX 4000 Classic

55.04.026	URANOS NX 3200 GSM 3X230V-3X400V LCD 3.5"
79.11.00033	MASTER SOFTWARE 3 - UNALLOYED STEEL - ArcDrive PulsDrive
71.01.079	WIRE FEEDER WF NX 4000 CLASSIC
71.06.335	WATER COOLED CABLE BUNDLE - 50mm ² - 4m
71.03.076	COOLING UNIT WU 2000
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.05.040	MT 440 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.32.558	ST 3000 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m

ACCESSORIES

Power source

55.04.033	URANOS NX 3200 GSM 3X230V-3X400V
55.04.026	URANOS NX 3200 GSM 3X230V-3X400V LCD 3.5"

Master Software

79.11.00031	MASTER SOFTWARE 1 - UNALLOYED STEEL - ArcDrive RapiDeep
79.11.00032	MASTER SOFTWARE 2 - UNALLOYED STEEL - PulsDrive QuickPulse
79.11.00033	MASTER SOFTWARE 3 - UNALLOYED STEEL - ArcDrive PulsDrive
79.11.00034	MASTER SOFTWARE 4 - HIGH ALLOYED STEEL
79.11.00035	MASTER SOFTWARE 5 - ALUMINUM AND COPPER ALLOY
79.11.00036	MASTER SOFTWARE 6 - UNIVERSAL APPLICATIONS

Wire feeder unit

71.01.070	WIRE FEEDER WF NX 2000 CLASSIC
71.01.074	WIRE FEEDER WF NX 3000 CLASSIC
71.01.075	WIREFEEDER WF NX 3000 SMART
71.01.079	WIRE FEEDER WF NX 4000 CLASSIC
71.01.080	WIRE FEEDER WF NX 4000 SMART
73.10.073	FEED UNIT BIG WHEELS - UPGRADE KIT (D.125mm)
73.10.074	FEED UNIT LITTLE WHEELS - UPGRADE KIT (D.63mm)
73.10.075	WIRE FEEDER HOLDER KIT

Cable bundle

71.06.328	AIR CABLE BUNDLE - 50mm ² - 1,5m
71.06.329	AIR CABLE BUNDLE - 50mm ² - 4m
71.06.330	AIR CABLE BUNDLE - 70mm ² - 1,5m
71.06.331	AIR CABLE BUNDLE - 70mm ² - 4m
71.06.332	AIR CABLE BUNDLE - 70mm ² - 10m
71.06.333	AIR CABLE BUNDLE - 70mm ² - 15m
71.06.317	AIR CABLE BUNDLE - 70mm ² - 20m
71.06.318	AIR CABLE BUNDLE - 70mm ² - 30m
71.06.334	WATER COOLED CABLE BUNDLE - 50mm ² - 1,5m
71.06.335	WATER COOLED CABLE BUNDLE - 50mm ² - 4m
71.06.336	WATER COOLED CABLE BUNDLE - 70mm ² - 1,5m
71.06.327	WATER COOLED CABLE BUNDLE - 70mm ² - 4m
71.06.337	WATER COOLED CABLE BUNDLE - 70mm ² - 10m
71.06.338	WATER COOLED CABLE BUNDLE - 70mm ² - 15m
71.06.320	WATER COOLED CABLE BUNDLE - 70mm ² - 20m
71.06.321	WATER COOLED CABLE BUNDLE - 70mm ² - 30m

ACCESSORIES

Cooling unit

71.03.076	COOLING UNIT WU 2000
18.91.008	COOLANT CL10 (10kg)
71.03.099	TOOL KIT - URANOS

Remote control

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m
71.02.209	REMOTE CONTROL UNIT RC 100 MP
71.02.20501	CAN BUS CONNECTION CABLE 6m
71.02.205	CAN BUS CONNECTION CABLE 10m
71.02.20504	CAN BUS CONNECTION CABLE 25m
71.02.197	REMOTE CONTROL UNIT RC 120 - L.6m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC 180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC 180 - L.25m
71.02.211	REMOTE CONTROL UNIT RC 190 - L.6m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
71.02.215	REMOTE CONTROL UNIT RC 350 MP - L.6m
71.02.21503	REMOTE CONTROL UNIT RC 350 MP - L.20m

Torch

81.05.72795	MT 350 G MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.72807	MT 350 G MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.05.037	MT 350 G U/D MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.038	MT 350 G U/D MIG/MAG WELDING TORCH - 4m - AIR COOLED
81.03.014	MB 240 DgMig MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.03.012	MB 240 DgMig MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.05.72812	MT 440 W MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.05.039	MT 440 W U/D MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.040	MT 440 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.01.143	PP PLUS 401 D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED - 45°
81.01.145	PP PLUS 401 D MIG/MAG WELDING TORCH - 8m - LIQUID COOLED - 45°
81.01.142	PP PLUS 401 D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED - STRAIGHT
81.01.144	PP PLUS 401 D MIG/MAG WELDING TORCH - 8m - LIQUID COOLED - STRAIGHT
73.11.012	PUSH PULL KIT
81.32.159	ST 2200 TIG WELDING TORCH - 4m - AIR COOLED
81.32.160	ST 2200 TIG WELDING TORCH - 8m - AIR COOLED
81.32.158	ST 2200 U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.161	ST 2200 U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.157	ST 2200 DIGITIG TIG WELDING TORCH - 4m - AIR COOLED
81.32.162	ST 2200 DIGITIG TIG WELDING TORCH - 8m - AIR COOLED
81.32.173	ST 2200 FX TIG WELDING TORCH - 4m - AIR COOLED
81.32.174	ST 2200 FX TIG WELDING TORCH - 8m - AIR COOLED
81.32.171	ST 2200 FX U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.172	ST 2200 FX U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.169	ST 2200 FX DIGITIG TIG WELDING TORCH - 4m - AIR COOLED
81.32.170	ST 2200 FX DIGITIG TIG WELDING TORCH - 8m - AIR COOLED
81.32.559	ST 3000 TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.560	ST 3000 TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.558	ST 3000 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.561	ST 3000 U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.557	ST 3000 DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.562	ST 3000 DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED

ACCESSORIES

Torch

81.32.573	ST 3000 FX TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.574	ST 3000 FX TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.571	ST 3000 FX U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.572	ST 3000 FX U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.569	ST 3000 FX DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.570	ST 3000 FX DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.397	ST 3000 MP TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.398	ST 3000 MP TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.395	ST 3000 MP U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.396	ST 3000 MP U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.393	ST 3000 MP DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.394	ST 3000 MP DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
73.12.019	TIG TORCH CONNECTORS KIT

Stick electrode holder

71.04.004	STICK ELECTRODE HOLDER 400A - POWER CABLE 50mm ² - L.4m
-----------	--

Earth cable

71.05.013	WORK CABLE - 50mm ² - L.4m
-----------	---------------------------------------

Power source trolley

71.03.085	POWER SOURCE TROLLEY GT 150
71.03.086	POWER SOURCE TROLLEY GT 350 (only for air cooled units)
71.03.054	TIG RODS HOLDER KIT
71.03.079	POWER SOURCE TROLLEY GT 400
71.03.087	POWER SOURCE TROLLEY GT 600
71.03.092	TRAY KIT - TORCH HOLDERS
71.03.078	POWER SOURCE TROLLEY GT 400 WF
71.03.088	POWER SOURCE TROLLEY GT 600 WF
71.03.091	LIFTING KIT
71.03.093	CABLE SUPPORT KIT
71.03.094	TORCHE/CABLE SUPPORT KIT
71.03.043	TIG RODS HOLDER KIT

Weld@Net system

74.04.06701	KIT SW WELD@NET PRODUCTION MONITOR NX
74.04.06601	KIT SW WELD@NET PRODUCTION CONTROL MONITOR NX
74.04.070	WELD@NET MONITOR - ADD-ON LICENSE
74.04.071	WELD@NET CONTROL MONITOR - ADD-ON LICENSE
71.02.204	RI XP INTERFACE
71.02.203	RI XP CONNECTION CABLE
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE 10m

WELDING PROCESS

- MMA (Electrode)
- Air Carbon Arc gouging
- TIG DC Lift and HF start
- MIG/MAG short spray manual arc
- MIG/MAG short spray synergic arc
- MIG/MAG short spray pulsed
- MIG/MAG pulsed synergic
- MIG/MAG double pulsed synergic
- MIG/MAG brazing
- MIG/MAG plating
- Hard Facing MIG/MAG

APPLICATIONS

- Light job shop fabrication
- Medium-heavy job shop fabrication
- Heavy job shop fabrication
- Building sites
- Shipyards
- Plants machinery construction
- Oil refinery plants construction
- Machine and apparatus construction
- Automobile industry
- Railway industry
- Nuclear industry
- Military industry
- Aeronautics and Aerospace industry
- Food industry
- Chemical industry
- Ordinary maintenance
- Repair and overhaul
- Workshops
- Sheet metal working

MATERIALS

- Unalloyed steel
- High alloyed steel
- Aluminum alloy
- Nickel alloy
- Copper alloy



TECHNICAL FEATURES

- "greenWave" inverter technology for high energy efficiency and perfect control over all welding phases
- High power at 100% of duty cycle
- Heavy duty and environmental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Linear controlled fan on demand
- Energy-saving inverter technology (built-in P.F.C. - power factor controller)
- Wire feeder unit (2/4 roll drives)
- Wire drive unit fully designed by voestalpine Böhler Welding
- Full parameters control panel on wire feeder unit
- Ø 200/300 mm wire spool compatible
- Full digital and user-friendly LCD graphic display control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Back-up/Restore automatic
- User-defined welding program storage capability (240 free memory locations)
- Totally programmable user interface
- Programmable welding operations safety limits
- Lock-unlock function key protected by password
- Control of several welding units over Ethernet
- Totally welding process remote programming and management by PC network

- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Synergic setting for optimal stick welding with multiple types of electrodes
- Precise arc striking and high stability arc
- 2/4 step operating mode
- Arc dynamic adjustment
- Perfect arc ignition (soft start - motor slope)
- Burn-back and droplet detachment correction
- Crater filler operating mode
- Synergic operations from databank
- Synergic operations from databank (DEMO)
- Wire speed (0,5-22,0 m/min), amperage and piece thickness adjustment
- Spot welding mode
- Intermittent welding mode
- Bilevel MIG/MAG
- Digital TIG torch compatible
- Smart slope control
- Euro adaptor - U/D MIG/MAG torch compatible
- Digital MIG/MAG torch compatible
- Push-pull torch device
- Remote control compatible
- WU cooling unit compatible
- Controlled cooling operations

Power source

URANOS NX 4000 GSM				690x290x510mm		36.5kg		IP23S
 Single power supply	3x400V	S 16.9kVA P 16.1kW	X%	40°C 60% 400A 40°C 100% 360A 25°C 100% 400A	P.F. 0.95  25A	I₂ 3-400A U_o 73V		
	3x400V	S 16.9kVA P 16.1kW		40°C 60% 400A 40°C 100% 360A 25°C 100% 400A				
 Dual power supply	3x230V	S 17.4kVA P 16.5kW	X%	40°C 60% 400A 40°C 100% 360A 25°C 100% 400A	P.F. 0.95  45A	I₂ 3-400A U_o 73V		
	3x230V	S 17.4kVA P 16.5kW		40°C 60% 400A 40°C 100% 360A 25°C 100% 400A				
URANOS NX 5000 GSM				690x290x510mm		38.0kg		IP23S
 Single power supply	3x400V	S 22.9kVA P 21.7kW	X%	40°C 50% 500A 40°C 60% 470A 40°C 100% 420A 25°C 80% 500A 25°C 100% 470A	P.F. 0.95  30A	I₂ 3-500A U_o 73V		
	3x400V	S 23.6kVA P 22.5kW		40°C 50% 500A 40°C 60% 470A 40°C 100% 420A 25°C 80% 500A 25°C 100% 470A				
 Dual power supply	3x230V	S 24.5kVA P 23.3kW	X%	40°C 50% 500A 40°C 60% 470A 40°C 100% 420A 25°C 80% 500A 25°C 100% 460A	P.F. 0.95  63A	I₂ 3-500A U_o 73V		
	3x230V	S 24.5kVA P 23.3kW		40°C 50% 500A 40°C 60% 470A 40°C 100% 420A 25°C 80% 500A 25°C 100% 460A				

Wire feeder unit

WF NX 2000 Classic				470x170x340mm		8.8kg		IP23S
SL 2R-2T	 0.5-22m/min	P 120W		1.0-1.2mm . . Included	 yes	 no		
	 200mm	 2		0.6-1.6mm . . Optional 0.8-1.6mm . . Aluminum 0.9-1.6mm . . Cored				
WF NX 3000 Classic				660x280x390mm		13.0kg		IP23S
SL 4R-4T	 0.5-22m/min	P 120W		1.0-1.2mm . . Included	 yes	 yes (optional)		
	 200/300mm	 4		0.6-1.6mm . . Optional 0.8-1.6mm . . Aluminum 0.9-1.6mm . . Cored				
WF NX 3000 Smart				660x280x390mm		13.0kg		IP23S
SL 4R-4T	 0.5-22m/min	P 120W		1.0-1.2mm . . Included	 yes	 yes (optional)		
	 200/300mm	 4		0.6-1.6mm . . Optional 0.8-1.6mm . . Aluminum 0.9-1.6mm . . Cored				
WF NX 4000 Classic				640x250x460mm		19.0kg		IP23S
SL 4R-4T	 0.5-22m/min	P 120W		1.0-1.2mm . . Included	 yes	 yes (optional)		
	 200/300mm	 4		0.6-1.6mm . . Optional 0.8-1.6mm . . Aluminum 0.9-1.6mm . . Cored				
WF NX 4000 Smart				640x250x460mm		19.0kg		IP23S
SL 4R-4T	 0.5-22m/min	P 120W		1.0-1.2mm . . Included	 yes	 yes (optional)		
	 200/300mm	 4		0.6-1.6mm . . Optional 0.8-1.6mm . . Aluminum 0.9-1.6mm . . Cored				

Cooling unit

WU 3000	 360Vdc	P 1.4kW		705x305x250mm		13.0kg		5.5l
---------	--	----------------	---	---------------	---	--------	---	------

CONFIGURATIONS

URANOS NX 4000 GSM - MIG/MAG welding configuration - Water - WF NX 4000 Classic

55.04.025	URANOS NX 4000 GSM 3X400V LCD 3.5"
79.11.00033	MASTER SOFTWARE 3 - UNALLOYED STEEL - ArcDrive PulsDrive
71.01.079	WIRE FEEDER WF NX 4000 CLASSIC
71.06.327	WATER COOLED CABLE BUNDLE - 70mm ² - 4m
71.03.077	COOLING UNIT WU 3000
71.03.080	POWER SOURCE TROLLEY GT 500 WF
81.05.040	MT 440 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.32.258	ST 4000 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m

URANOS NX 5000 GSM - MIG/MAG welding configuration - Water - WF NX 4000 Classic

55.04.024	URANOS NX 5000 GSM 3X400V LCD 3.5"
79.11.00033	MASTER SOFTWARE 3 - UNALLOYED STEEL - ArcDrive PulsDrive
71.01.079	WIRE FEEDER WF NX 4000 CLASSIC
71.06.327	WATER COOLED CABLE BUNDLE - 70mm ² - 4m
71.03.077	COOLING UNIT WU 3000
71.03.080	POWER SOURCE TROLLEY GT 500 WF
81.05.040	MT 440 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.32.258	ST 4000 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m

ACCESSORIES

Power source

55.04.029	URANOS NX 4000 GSM 3X400V
55.04.025	URANOS NX 4000 GSM 3X400V LCD 3.5"
55.04.030	URANOS NX 4000 GSM 3X230V-3X400V
55.04.027	URANOS NX 4000 GSM 3X230V-3x400V LCD 3.5"
55.04.028	URANOS NX 5000 GSM 3X400V
55.04.024	URANOS NX 5000 GSM 3X400V LCD 3.5"
55.04.031	URANOS NX 5000 GSM 3X230V-3X400V
55.04.032	URANOS NX 5000 GSM 3X230V-3X400V LCD 3.5"

Master Software

79.11.00031	MASTER SOFTWARE 1 - UNALLOYED STEEL - ArcDrive RapiDeep
79.11.00032	MASTER SOFTWARE 2 - UNALLOYED STEEL - PulsDrive QuickPulse
79.11.00033	MASTER SOFTWARE 3 - UNALLOYED STEEL - ArcDrive PulsDrive
79.11.00034	MASTER SOFTWARE 4 - HIGH ALLOYED STEEL
79.11.00035	MASTER SOFTWARE 5 - ALUMINUM AND COPPER ALLOY
79.11.00036	MASTER SOFTWARE 6 - UNIVERSAL APPLICATIONS

Wire feeder unit

71.01.070	WIRE FEEDER WF NX 2000 CLASSIC
71.01.074	WIRE FEEDER WF NX 3000 CLASSIC
71.01.075	WIREFEEDER WF NX 3000 SMART
71.01.079	WIRE FEEDER WF NX 4000 CLASSIC
71.01.080	WIRE FEEDER WF NX 4000 SMART
73.10.073	FEED UNIT BIG WHEELS - UPGRADE KIT (D.125mm)
73.10.074	FEED UNIT LITTLE WHEELS - UPGRADE KIT (D.63mm)
73.10.075	WIRE FEEDER HOLDER KIT

ACCESSORIES

Cable bundle

71.06.336	WATER COOLED CABLE BUNDLE - 70mm ² - 1,5m
71.06.327	WATER COOLED CABLE BUNDLE - 70mm ² - 4m
71.06.337	WATER COOLED CABLE BUNDLE - 70mm ² - 10m
71.06.338	WATER COOLED CABLE BUNDLE - 70mm ² - 15m
71.06.320	WATER COOLED CABLE BUNDLE - 70mm ² - 20m
71.06.321	WATER COOLED CABLE BUNDLE - 70mm ² - 30m
71.06.339	WATER COOLED CABLE BUNDLE - 95mm ² - 1,5m
71.06.340	WATER COOLED CABLE BUNDLE - 95mm ² - 4m
71.06.341	WATER COOLED CABLE BUNDLE - 95mm ² - 10m
71.06.342	WATER COOLED CABLE BUNDLE - 95mm ² - 15m
71.06.309	WATER COOLED CABLE BUNDLE - 95mm ² - 20m
71.06.310	WATER COOLED CABLE BUNDLE - 95mm ² - 30m

Cooling unit

71.03.077	COOLING UNIT WU 3000
18.91.008	COOLANT CL10 (10kg)
71.03.097	TOOL KIT - URANOS

Remote control

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m
71.02.209	REMOTE CONTROL UNIT RC 100 MP
71.02.20501	CAN BUS CONNECTION CABLE 6m
71.02.205	CAN BUS CONNECTION CABLE 10m
71.02.20504	CAN BUS CONNECTION CABLE 25m
71.02.197	REMOTE CONTROL UNIT RC 120 - L.6m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC 180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC 180 - L.25m
71.02.211	REMOTE CONTROL UNIT RC 190 - L.6m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
71.02.215	REMOTE CONTROL UNIT RC 350 MP - L.6m
71.02.21503	REMOTE CONTROL UNIT RC 350 MP - L.20m

Torch

81.05.72812	MT 440 W MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.05.039	MT 440 W U/D MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.040	MT 440 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.05.72860	MT 540 W MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.72878	MT 540 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.05.041	MT 540 W U/D MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.042	MT 540 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.03.016	MB 501 DgMig MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.03.010	MB 501 DgMig MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.03.015	MB 501 DgMig MIG/MAG WELDING TORCH - 5m - LIQUID COOLED
81.01.143	PP PLUS 401 D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED - 45°
81.01.145	PP PLUS 401 D MIG/MAG WELDING TORCH - 8m - LIQUID COOLED - 45°
81.01.142	PP PLUS 401 D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED - STRAIGHT
81.01.144	PP PLUS 401 D MIG/MAG WELDING TORCH - 8m - LIQUID COOLED - STRAIGHT
73.11.012	PUSH PULL KIT
81.32.259	ST 4000 TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.260	ST 4000 TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.258	ST 4000 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.261	ST 4000 U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.257	ST 4000 DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.262	ST 4000 DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED

ACCESSORIES

Torch

81.32.273	ST 4000 FX TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.274	ST 4000 FX TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.271	ST 4000 FX U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.272	ST 4000 FX U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.269	ST 4000 FX DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.270	ST 4000 FX DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.661	ST 4500 TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.662	ST 4500 TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.659	ST 4500 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.660	ST 4500 U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.657	ST 4500 DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.658	ST 4500 DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
73.12.019	TIG TORCH CONNECTORS KIT

Stick electrode holder

71.04.006	STICK ELECTRODE HOLDER 400A - POWER CABLE 70mm ² - L.4m
-----------	--

Earth cable

71.05.014	WORK CABLE - 70mm ² - L.4m
71.05.008	WORK CABLE - 95mm ² - L.4m

Power source trolley

71.03.081	POWER SOURCE TROLLEY GT 500
71.03.089	POWER SOURCE TROLLEY GT 700
71.03.092	TRAY KIT - TORCH HOLDERS
71.03.080	POWER SOURCE TROLLEY GT 500 WF
71.03.090	POWER SOURCE TROLLEY GT 700 WF
71.03.091	LIFTING KIT
71.03.093	CABLE SUPPORT KIT
71.03.094	TORCHE/CABLE SUPPORT KIT
71.03.043	TIG RODS HOLDER KIT

Weld@Net System

74.04.06701	KIT SW WELD@NET PRODUCTION MONITOR NX
74.04.06601	KIT SW WELD@NET PRODUCTION CONTROL MONITOR NX
74.04.070	WELD@NET MONITOR - ADD-ON LICENSE
74.04.071	WELD@NET CONTROL MONITOR - ADD-ON LICENSE
71.02.204	RI XP INTERFACE
71.02.203	RI XP CONNECTION CABLE
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE 10m

SF 2R-1T

2-rolls wire feeder (1 roll drive)

**SF 2R-1T**

07.01.324 FEED UNIT - 2 ROLLS

SL 2R-2T

2-rolls wire feeder (2 rolls drive)

**SL 2R-2T**

07.01.601 FEED UNIT - 2 ROLLS

SL 4R-2T

4-rolls wire feeder (2 rolls drive)

**SL 4R-2T**

07.01.338 FEED UNIT - 4 ROLLS

SL 4R-4T

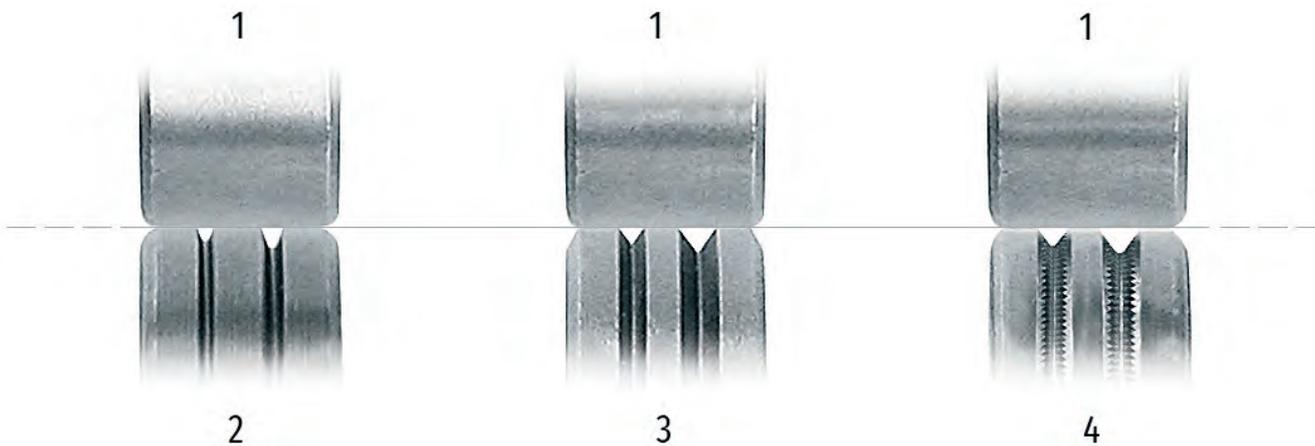
4-roll wire feeder (4 rolls drive)

**SL 4R-4T**

07.01.337 FEED UNIT - 4 ROLLS

Upgrade kit for the wirefeeder SL 4R-2T**SL4R-2T****SL4R-4T****Upgrade kit for the wirefeeder SL 4R-2T**

07.01.512 UPGRADE KIT FROM 4 ROLLS (2 ROLLS DRIVE) TO 4 ROLLS DRIVE - 1.0/1.2



Spare parts for the wirefeeder SL

1	Upper drive roll
07.01.307	DRIVE ROLL - WITHOUT GROOVE
2	Drive roll - Solid wire
07.01.298	DRIVE ROLL - SMOOTH V GROOVE - SOLID WIRE - D.0,6-0,8mm
07.01.291	DRIVE ROLL - SMOOTH V GROOVE - SOLID WIRE - D.0,8-1,0mm
07.01.292	DRIVE ROLL - SMOOTH V GROOVE - SOLID WIRE - D.1,0-1,2mm
07.01.293	DRIVE ROLL - SMOOTH V GROOVE - SOLID WIRE - D.1,2-1,6mm
3	Drive roll - Aluminum wire
07.01.295	DRIVE ROLL ALUMINUM WIRE - D.0,8-1,0mm
07.01.296	DRIVE ROLL ALUMINUM WIRE - D.1,0-1,2mm
07.01.297	DRIVE ROLL ALUMINUM WIRE D.1,2-1,6mm
4	Drive roll - Cored wire
07.01.301	DRIVE ROLL CORED WIRE D.0,9-1,0mm
07.01.300	DRIVE ROLL CORED WIRE D.1,2-1,6mm
	Other
07.01.309	DRIVING GEAR WHEEL
07.01.312	FEED UNIT - GEAR WHEEL
20.07.079	KNOB
20.07.085	FEED UNIT WASHER - SPARE KIT
09.11.215	KNOB
07.01.314	BALL BEARING

Spare parts for the wirefeeder SF

1	Upper drive roll
07.01.325	DRIVE ROLL - WITHOUT GROOVE
2	Drive roll - Solid wire
07.01.326	DRIVE ROLL - SMOOTH V GROOVE - SOLID WIRE - D.0,6-0,8mm
07.01.327	DRIVE ROLL - SMOOTH V GROOVE - SOLID WIRE - D.0,8-0,9mm
07.01.328	DRIVE ROLL - SMOOTH V GROOVE - SOLID WIRE - D.0,8-1,0mm
07.01.329	DRIVE ROLL - SMOOTH V GROOVE - SOLID WIRE - D.1,0-1,2mm
3	Drive roll - Aluminum wire
07.01.330	DRIVE ROLL ALUMINUM WIRE - D.0,8-1,0mm
07.01.331	DRIVE ROLL ALUMINUM WIRE - D.1,0-1,2mm
4	Drive roll - Cored wire
07.01.332	DRIVE ROLL CORED WIRE D.0,9-1,0mm
07.01.333	DRIVE ROLL CORED WIRE D.1,0-1,2mm

SELECTION GUIDE
Wirefeeder

	WF NX 2000 Classic	WF NX 3000/4000 Classic	WF NX 3000/4000 Smart	WF NX 230 Classic	WF NX 230 Smart	WF NX 230 SteelDrive	WF NX 330/430 Classic	WF NX 330/430 Smart	WF NX 330/430 SteelDrive	URANOS 2000 SMC	URANOS NX 2200/2700 SMC Classic	URANOS NX 2200/2700 SMC Smart	URANOS NX 2200/2700 PMC	URANOS NX 2200/2700 MTE	TERRA NX 320/400 SMC Classic	TERRA NX 320/400 SMC Smart	TERRA NX 320/400 SMC SteelDrive	TERRA NX 320/400 PMC SteelDrive	
Models																			
SF 2R-1T										●									
SL 2R-2T	●			●	●	●													
SL 4R-2T							○	○				○	○			○	○		
SL 4R-4T		●	●				○	○	●			○	○	●	○	○	●	●	

● = Included ○ = Optional

WF NX 2000 Classic

- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Full digital and user-friendly control panel
- Welding parameters digital adjustment
- Wire feed button
- Gas test button
- Ø 200 mm wire spool compatible
- Euro adaptor - MIG/MAG torch compatible
- Water cooling compatible
- Remote control compatible
- Gas flow digital display



WF NX 2000 Classic			470x170x340mm		8.8kg		IP23S		
SL 2R-2T		0.5-22m/min	P 120W		1.0-1.2mm . . Included 0.6-1.6mm . . Optional 0.8-1.6mm . . Aluminum 0.9-1.6mm . . Cored		yes		no
		200mm					2		yes

WF NX 2000 Classic

71.01.070	WIRE FEEDER WF NX 2000 CLASSIC
71.03.095	KIT ROLLBAR
71.03.096	ROLLBAR WF-GT ASSEMBLY KIT

WF NX 3000 CLASSIC

- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Full digital and user-friendly control panel
- Welding parameters digital adjustment
- Wire feed button
- Gas test button
- Ø 200/300 mm wire spool compatible
- Wheels kit option compatible
- Euro adaptor - MIG/MAG torch compatible
- Euro adaptor - U/D MIG/MAG torch compatible
- Digital MIG/MAG torch compatible
- Push-pull torch device
- Water cooling compatible
- Remote control compatible



WF NX 3000 Classic			660x280x390mm		13.0kg		IP23S		
SL 4R-4T		0.5-22m/min	P 120W		1.0-1.2mm . . Included 0.6-1.6mm . . Optional 0.8-1.6mm . . Aluminum 0.9-1.6mm . . Cored		yes		yes (optional)
		200/300mm					4		yes

WF NX 3000 CLASSIC

71.01.074	WIRE FEEDER WF NX 3000 CLASSIC
73.10.073	FEED UNIT BIG WHEELS - UPGRADE KIT (D.125mm)
73.10.074	FEED UNIT LITTLE WHEELS - UPGRADE KIT (D.63mm)
73.11.012	PUSH PULL KIT

WF NX 3000 Smart

- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Full digital and user-friendly LCD graphic display control panel
- Welding parameters digital adjustment
- Wire feed button
- Gas test button
- Ø 200/300 mm wire spool compatible
- Wheels kit option compatible
- Euro adaptor - MIG/MAG torch compatible
- Euro adaptor - U/D MIG/MAG torch compatible
- Digital MIG/MAG torch compatible
- Push-pull torch device
- Water cooling compatible
- Remote control compatible



WF NX 3000 Smart



660x280x390mm



13.0kg



IP23S

SL 4R-4T



0.5-22m/min



120W



200/300mm



4



1.0-1.2mm . . Included
0.6-1.6mm . . Optional
0.8-1.6mm . . Aluminum
0.9-1.6mm . . Cored



yes



yes



(optional) Yes



optional

WF NX 3000 Smart

71.01.075	WIREFEEDER WF NX 3000 SMART
73.10.073	FEED UNIT BIG WHEELS - UPGRADE KIT (D.125mm)
73.10.074	FEED UNIT LITTLE WHEELS - UPGRADE KIT (D.63mm)
73.11.012	PUSH PULL KIT

WF NX 4000 Classic

- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Full digital and user-friendly control panel
- Welding parameters digital adjustment
- Wire feed button
- Gas test button
- Ø 200/300 mm wire spool compatible
- Wheels kit option compatible
- Euro adaptor - MIG/MAG torch compatible
- Euro adaptor - U/D MIG/MAG torch compatible
- Digital MIG/MAG torch compatible
- Push-pull torch device
- Water cooling compatible
- Remote control compatible



WF NX 4000 Classic



640x250x460mm



19.0kg



IP23S

SL 4R-4T



0.5-22m/min



120W



200/300mm



4



1.0-1.2mm . . Included
0.6-1.6mm . . Optional
0.8-1.6mm . . Aluminum
0.9-1.6mm . . Cored



yes



yes



(optional) Yes



optional

WF NX 4000 Classic

71.01.079	WIRE FEEDER WF NX 4000 CLASSIC
73.10.073	FEED UNIT BIG WHEELS - UPGRADE KIT (D.125mm)
73.10.074	FEED UNIT LITTLE WHEELS - UPGRADE KIT (D.63mm)
73.11.012	PUSH PULL KIT
73.10.075	WIRE FEEDER HOLDER KIT

WF NX 4000 Smart

- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Full digital and user-friendly LCD graphic display control panel
- Welding parameters digital adjustment
- Wire feed button
- Gas test button
- Ø 200/300 mm wire spool compatible
- Wheels kit option compatible
- Euro adaptor - MIG/MAG torch compatible
- Euro adaptor - U/D MIG/MAG torch compatible
- Digital MIG/MAG torch compatible
- Push-pull torch device
- Water cooling compatible
- Remote control compatible



WFNX 4000 Smart			640x250x460mm	19.0kg	IP23S
SL 4R-4T	0.5-22m/min	P 120W	1.0-1.2mm . . Included 0.6-1.6mm . . Optional 0.8-1.6mm . . Aluminum 0.9-1.6mm . . Cored	yes	yes (optional)
	200/300mm			4	yes

WF NX 4000 Smart

71.01.080	WIRE FEEDER WF NX 4000 SMART
73.10.073	FEED UNIT BIG WHEELS - UPGRADE KIT (D.125mm)
73.10.074	FEED UNIT LITTLE WHEELS - UPGRADE KIT (D.63mm)
73.11.012	PUSH PULL KIT
73.10.075	WIRE FEEDER HOLDER KIT

WF NX 230 Classic

- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Welding parameters digital adjustment
- Wire feed button
- Gas test button
- Ø 200 mm wire spool compatible
- Euro adaptor - MIG/MAG torch compatible
- Water cooling compatible
- Gas flow digital display



WFNX 230 Classic			470x170x340mm	8.8kg	IP23S
SL 2R-2T	0.5-22m/min	P 90W	1.0-1.2mm . . Included 0.6-1.6mm . . Optional 0.8-1.6mm . . Aluminum 0.9-1.6mm . . Cored	yes	no
	200mm			2	yes

WF NX 230 Classic

71.01.071	WIRE FEEDER WF NX 230 CLASSIC
71.03.095	KIT ROLLBAR
71.03.096	ROLLBAR WF-GT ASSEMBLY KIT
73.11.015	REMOTE CONTROL WIRING KIT

WF NX 230 Smart

- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Welding parameters digital adjustment
- Wire feed button
- Gas test button
- Ø 200 mm wire spool compatible
- Euro adaptor - MIG/MAG torch compatible
- Water cooling compatible
- Gas flow digital display



WF NX 230 Smart				470x170x340mm	8.8kg	IP23S	
SL 2R-2T	0.5-22m/min	P 90W	2	200mm	1.0-1.2mm . . Included 0.6-1.6mm . . Optional 0.8-1.6mm . . Aluminum 0.9-1.6mm . . Cored	yes	no
	200mm					yes	no

WF NX 230 Smart

71.01.072	WIRE FEEDER WF NX 230 SMART
71.03.095	KIT ROLLBAR
71.03.096	ROLLBAR WF-GT ASSEMBLY KIT
73.11.015	REMOTE CONTROL WIRING KIT

WF NX 230 SteelDrive

- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Full digital and user-friendly control panel
- Welding parameters digital adjustment
- Wire feed button
- Gas test button
- Ø 200 mm wire spool compatible
- Euro adaptor - MIG/MAG torch compatible
- Water cooling compatible
- Remote control compatible
- Gas flow digital display



WF NX 230 SteelDrive				470x170x340mm	8.8kg	IP23S	
SL 2R-2T	0.5-22m/min	P 120W	2	200mm	1.0-1.2mm . . Included 0.6-1.6mm . . Optional 0.8-1.6mm . . Aluminum 0.9-1.6mm . . Cored	yes	no
	200mm					yes	no

WF NX 230 SteelDrive

71.01.073	WIRE FEEDER WF NX 230 STEELDRIVE
71.03.095	KIT ROLLBAR
71.03.096	ROLLBAR WF-GT ASSEMBLY KIT
73.11.015	REMOTE CONTROL WIRING KIT

WF NX 330 Classic

- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Welding parameters digital adjustment
- Wire feed button
- Gas test button
- Ø 200/300 mm wire spool compatible
- Wheels kit option compatible
- Euro adaptor - MIG/MAG torch compatible
- Push-pull torch device
- Remote control compatible
- Water cooling compatible



WFNX 330 Classic				660x280x390mm	13.0kg	IP23S
SL 4R-2T	0.5-22m/min	P 90W	4	1.0-1.2mm . . Included 0.6-1.6mm . . Optional 0.8-1.6mm . . Aluminum 0.9-1.6mm . . Cored	yes	yes (optional)
	200/300mm					

WF NX 330 Classic

71.01.076	WIRE FEEDER WF NX 330 CLASSIC
07.01.512	UPGRADE KIT FROM 4 ROLLS (2 ROLLS DRIVE) TO 4 ROLLS DRIVE - 1.0/1.2
73.10.073	FEED UNIT BIG WHEELS - UPGRADE KIT (D.125mm)
73.10.074	FEED UNIT LITTLE WHEELS - UPGRADE KIT (D.63mm)
73.11.012	PUSH PULL KIT
73.11.015	REMOTE CONTROL WIRING KIT

WF NX 330 Smart

- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Welding parameters digital adjustment
- Wire feed button
- Gas test button
- Ø 200/300 mm wire spool compatible
- Wheels kit option compatible
- Euro adaptor - MIG/MAG torch compatible
- Push-pull torch device
- Water cooling compatible



WFNX 330 Smart				660x280x390mm	13.0kg	IP23S
SL 4R-2T	0.5-22m/min	P 90W	4	1.0-1.2mm . . Included 0.6-1.6mm . . Optional 0.8-1.6mm . . Aluminum 0.9-1.6mm . . Cored	yes	yes (optional)
	200/300mm					

WF NX 330 Smart

71.01.077	WIRE FEEDER WF NX 330 SMART
07.01.512	UPGRADE KIT FROM 4 ROLLS (2 ROLLS DRIVE) TO 4 ROLLS DRIVE - 1.0/1.2
73.10.073	FEED UNIT BIG WHEELS - UPGRADE KIT (D.125mm)
73.10.074	FEED UNIT LITTLE WHEELS - UPGRADE KIT (D.63mm)
73.11.012	PUSH PULL KIT
73.11.015	REMOTE CONTROL WIRING KIT

WF NX 330 SteelDrive

- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Full digital and user-friendly LCD graphic display control panel
- Welding parameters digital adjustment
- Wire feed button
- Gas test button
- Ø 200/300 mm wire spool compatible
- Wheels kit option compatible
- Euro adaptor - MIG/MAG torch compatible
- Euro adaptor - U/D MIG/MAG torch compatible
- Digital MIG/MAG torch compatible
- Push-pull torch device
- Water cooling compatible
- Remote control compatible



WF NX 330 SteelDrive				660x280x390mm	13.0kg	IP23S
SL 4R-4T	0.5-22m/min	P 120W	4	1.0-1.2mm . . Included	yes	(optional) yes
	200/300mm			0.6-1.6mm . . Optional		
				0.8-1.6mm . . Aluminum		
				0.9-1.6mm . . Cored		

WF NX 330 SteelDrive

71.01.078	WIRE FEEDER WF NX 330 STEELDRIVE
73.10.073	FEED UNIT BIG WHEELS - UPGRADE KIT (D.125mm)
73.10.074	FEED UNIT LITTLE WHEELS - UPGRADE KIT (D.63mm)
73.11.012	PUSH PULL KIT
73.11.015	REMOTE CONTROL WIRING KIT

WF NX 430 Classic

- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Welding parameters digital adjustment
- Wire feed button
- Gas test button
- Ø 200/300 mm wire spool compatible
- Wheels kit option compatible
- Euro adaptor - MIG/MAG torch compatible
- Push-pull torch device
- Water cooling compatible
- Remote control compatible



WF NX 430 Classic				640x250x460mm	19.0kg	IP23S
SL 4R-2T	0.5-22m/min	P 90W	4	1.0-1.2mm . . Included	yes	(optional) yes
	200/300mm			0.6-1.6mm . . Optional		
				0.8-1.6mm . . Aluminum		
				0.9-1.6mm . . Cored		

WF NX 430 Classic

71.01.081	WIRE FEEDER WF NX 430 CLASSIC
07.01.512	UPGRADE KIT FROM 4 ROLLS (2 ROLLS DRIVE) TO 4 ROLLS DRIVE - 1.0/1.2
73.10.073	FEED UNIT BIG WHEELS - UPGRADE KIT (D.125mm)
73.10.074	FEED UNIT LITTLE WHEELS - UPGRADE KIT (D.63mm)
73.11.013	PUSH PULL KIT
73.10.075	WIRE FEEDER HOLDER KIT
73.11.028	REMOTE CONTROL - UPGRADE KIT

WF NX 430 Smart

- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Welding parameters digital adjustment
- Wire feed button
- Gas test button
- Ø 200/300 mm wire spool compatible
- Wheels kit option compatible
- Euro adaptor - MIG/MAG torch compatible
- Push-pull torch device
- Water cooling compatible
- Remote control compatible



WFNX 430 Smart				640x250x460mm	19.0kg	IP23S
SL 4R-2T	0.5-22m/min	P 90W	4	1.0-1.2mm . . Included 0.6-1.6mm . . Optional 0.8-1.6mm . . Aluminum 0.9-1.6mm . . Cored	yes	yes
	200/300mm					

WF NX 430 Smart

71.01.082	WIRE FEEDER WF NX 430 SMART
07.01.512	UPGRADE KIT FROM 4 ROLLS (2 ROLLS DRIVE) TO 4 ROLLS DRIVE - 1.0/1.2
73.10.073	FEED UNIT BIG WHEELS - UPGRADE KIT (D.125mm)
73.10.074	FEED UNIT LITTLE WHEELS - UPGRADE KIT (D.63mm)
73.11.013	PUSH PULL KIT
73.10.075	WIRE FEEDER HOLDER KIT
73.11.028	REMOTE CONTROL - UPGRADE KIT

WF NX 430 SteelDrive

- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Full digital and user-friendly LCD graphic display control panel
- Welding parameters digital adjustment
- Wire feed button
- Gas test button
- Ø 200/300 mm wire spool compatible
- Wheels kit option compatible
- Euro adaptor - MIG/MAG torch compatible
- Euro adaptor - U/D MIG/MAG torch compatible
- Digital MIG/MAG torch compatible
- Push-pull torch device
- Water cooling compatible
- Remote control compatible



WFNX 430 SteelDrive				640x250x460mm	19.0kg	IP23S
SL 4R-4T	0.5-22m/min	P 120W	4	1.0-1.2mm . . Included 0.6-1.6mm . . Optional 0.8-1.6mm . . Aluminum 0.9-1.6mm . . Cored	yes	yes
	200/300mm					

WF NX 430 SteelDrive

71.01.083	WIRE FEEDER WF NX 430 STEELDRIVE
73.10.073	FEED UNIT BIG WHEELS - UPGRADE KIT (D.125mm)
73.10.074	FEED UNIT LITTLE WHEELS - UPGRADE KIT (D.63mm)
73.11.012	PUSH PULL KIT
73.10.075	WIRE FEEDER HOLDER KIT
73.11.015	REMOTE CONTROL WIRING KIT

Cable bundle

Cable bundle	
71.06.328	AIR CABLE BUNDLE - 50mm ² - 1,5m
71.06.329	AIR CABLE BUNDLE - 50mm ² - 4m
71.06.347	AIR CABLE BUNDLE - 50mm ² - 10m
71.06.348	AIR CABLE BUNDLE - 50mm ² - 15m
71.06.343	AIR CABLE BUNDLE - 50mm ² - 20m
71.06.345	AIR CABLE BUNDLE - 50mm ² - 30m
71.06.330	AIR CABLE BUNDLE - 70mm ² - 1,5m
71.06.331	AIR CABLE BUNDLE - 70mm ² - 4m
71.06.332	AIR CABLE BUNDLE - 70mm ² - 10m
71.06.333	AIR CABLE BUNDLE - 70mm ² - 15m
71.06.317	AIR CABLE BUNDLE - 70mm ² - 20m
71.06.318	AIR CABLE BUNDLE - 70mm ² - 30m
71.06.334	WATER COOLED CABLE BUNDLE - 50mm ² - 1,5m
71.06.335	WATER COOLED CABLE BUNDLE - 50mm ² - 4m
71.06.047	WATER COOLED CABLE BUNDLE - 50mm ² - 10m
71.06.048	WATER COOLED CABLE BUNDLE - 50mm ² - 15m
71.06.049	WATER COOLED CABLE BUNDLE - 50mm ² - 20m
71.06.050	WATER COOLED CABLE BUNDLE - 50mm ² - 30m
71.06.336	WATER COOLED CABLE BUNDLE - 70mm ² - 1,5m
71.06.327	WATER COOLED CABLE BUNDLE - 70mm ² - 4m
71.06.337	WATER COOLED CABLE BUNDLE - 70mm ² - 10m
71.06.338	WATER COOLED CABLE BUNDLE - 70mm ² - 15m
71.06.320	WATER COOLED CABLE BUNDLE - 70mm ² - 20m
71.06.321	WATER COOLED CABLE BUNDLE - 70mm ² - 30m
71.06.339	WATER COOLED CABLE BUNDLE - 95mm ² - 1,5m
71.06.340	WATER COOLED CABLE BUNDLE - 95mm ² - 4m
71.06.341	WATER COOLED CABLE BUNDLE - 95mm ² - 10m
71.06.342	WATER COOLED CABLE BUNDLE - 95mm ² - 15m
71.06.309	WATER COOLED CABLE BUNDLE - 95mm ² - 20m
71.06.310	WATER COOLED CABLE BUNDLE - 95mm ² - 30m



SELECTION GUIDE
Wire feeder unit

	WF NX 2000 Classic	WF NX 3000 Classic	WF NX 3000 Smart	WF NX 4000 Classic	WF NX 4000 Smart	WF NX 230 Classic	WF NX 230 Smart	WF NX 230 SteelDrive	WF NX 330 Classic	WF NX 330 Smart	WF NX 330 SteelDrive	WF NX 430 Classic	WF NX 430 Smart	WF NX 430 SteelDrive
Components														
2-rolls wire feeder (22m/min)	●					●	●	●						
4-rolls wire feeder (22m/min)		●	●	●	●				●	●	●	●	●	●
7 segments LED display	●	●	●	●	●	●	●	●	●	●	●	●	●	●
LCD display			●		●						●			●
Main functions														
Digital adjustment of parameters	●	●	●	●	●			●	●	●	●	●	●	●
Gas flow regulator	●					●	●	●						
Welding parameters digital display	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Set up	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Memory programs	●	●	●	●	●			●			●			●
Lock-unlock function key protected by password	●		●		●	●	●	●	●	●	●	●	●	●
Back-up/Restore automatic	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Processes and parameters														
MMA welding process	●	●	●	●	●			●	●	●	●	●	●	●
VRD	●	●	●	●	●			●	●	●	●	●	●	●
Hot start	●	●	●	●	●			●	●	●	●	●	●	●
Arc force	●	●	●	●	●			●	●	●	●	●	●	●
Antisticking	●	●	●	●	●			●	●	●	●	●	●	●
MMA Synergy	●	●	●	●	●			●	●	●	●	●	●	●
Air Carbon Arc gouging process	●	●	●	●	●			●	●	●	●	●	●	●
TIG DcDrive welding process	●	●	●	●	●			●	●	●	●	●	●	●
Trigger of the arc in Lift mode	●	●	●	●	●			●	●	●	●	●	●	●
MIG/MAG welding process	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Pulsed MIG welding process	●	●	●	●	●			●			●			●
Double Pulsed MIG welding	●	●	●	●	●			●			●			●
Manual MIG welding	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MIG/MAG Synergy	●	●	●	●	●	●		●			●			●
Wire speed-output current-material tickness	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Dynamic adjustment	●	●	●	●	●		●	●	●	●	●	●	●	●
2/4 step operating mode	●	●	●	●	●		●	●	●	●	●	●	●	●
Crater filler	●	●	●	●	●			●			●			●
Bilevel MIG/MAG	●	●	●	●	●			●			●			●
Spot welding mode	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Intermittent welding mode	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Motor soft start ramp up	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Burn-back and droplet detachment correction	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Gas pre-flow management	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Gas post-flow management	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Wire feed button	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Gas test button	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Compatibility														
RC remote control	●	●	●	●	●			●	○	○	●	○	○	●
MIG/MAG torch - Euro attack	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MIG/MAG torch U/D - Euro attack	●	●	●	●	●			●			●			●
MIG/MAG Torch DgMig - Euro attack		●	●	●	●						●			●
Push-Pull Torch		○	○	○	○				○	○	○	○	○	○
Water cooling	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Wheel kit (D.63mm)		○	○	○	○				○	○	○	○	○	○
Wheel kit (D.125mm)		○	○	○	○				○	○	○	○	○	○
Roll-bar	○					○	○	○						
Kit rollbar WF-GT	○					○	○	○						
Wire feeder holder kit				○	○							○	○	○

● = Included ○ = Optional

MT 150 G

 Gas	 0.8-1.0mm	 3/4m	X% Ar/CO₂ 60% 170A	X% CO₂ 60% 170A
--	--	---	---	--------------------------------------



MT 150 G

81.05.56638	MT 150 G MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.56639	MT 150 G MIG/MAG WELDING TORCH - 4m - AIR COOLED

MT 150 G U/D

 Gas	 0.8-1.0mm	 3/4m	X% Ar/CO₂ 60% 170A	X% CO₂ 60% 170A
--	--	---	---	--------------------------------------



MT 150 G U/D

81.05.001	MT 150 G U/D MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.002	MT 150 G U/D MIG/MAG WELDING TORCH - 4m - AIR COOLED

MT 250 G

 Gas	 0.8-1.2mm	 3/4m	X% Ar/CO₂ 60% 220A	X% CO₂ 60% 230A
--	--	---	---	--------------------------------------



MT 250 G

81.05.72767	MT 250 G MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.72778	MT 250 G MIG/MAG WELDING TORCH - 4m - AIR COOLED

MT 250 G U/D

 Gas	 0.8-1.2mm	 3/4m	X% Ar/CO₂ 60% 220A	X% CO₂ 60% 230A
--	--	---	---	--------------------------------------



MT 250 G U/D

81.05.033	MT 250 G U/D MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.034	MT 250 G U/D MIG/MAG WELDING TORCH - 4m - AIR COOLED

MB 25 DGMIG

			X% Ar/CO ₂	X% CO ₂
Gas	0.8-1.2mm	3/4m	60% 200A	60% 230A

MB 25 DGMIG

81.03.013	MB 25 DgMig MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.03.011	MB 25 DgMig MIG/MAG WELDING TORCH - 4m - AIR COOLED

**MT 300 G**

			X% Ar/CO ₂	X% CO ₂
Gas	0.8-1.6mm	3/4m	60% 260A	60% 280A

MT 300 G

81.05.72781	MT 300 G MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.72783	MT 300 G MIG/MAG WELDING TORCH - 4m - AIR COOLED

**MT 300 G U/D**

			X% Ar/CO ₂	X% CO ₂
Gas	0.8-1.6mm	3/4m	60% 260A	60% 280A

MT 300 G U/D

81.05.035	MT 300 G U/D MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.036	MT 300 G U/D MIG/MAG WELDING TORCH - 4m - AIR COOLED

**MT 350 G**

			X% Ar/CO ₂	X% CO ₂
Gas	0.8-1.6mm	3/4m	60% 310A	60% 330A

MT 350 G

81.05.72795	MT 350 G MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.72807	MT 350 G MIG/MAG WELDING TORCH - 4m - AIR COOLED



MT 350 G U/D

 Gas	 0.8-1.6mm	 3/4m	X% Ar/CO₂ 60% 310A	X% CO₂ 60% 330A
--	--	---	---	--------------------------------------



MT 350 G U/D

81.05.037	MT 350 G U/D MIG/MAG WELDING TORCH - 3m - AIR COOLED
81.05.038	MT 350 G U/D MIG/MAG WELDING TORCH - 4m - AIR COOLED

MB 240 DGMIG

 Water	 0.8-1.2mm	 3/4m	X% Ar/CO₂ 100% 270A	X% CO₂ 100% 300A
--	--	---	--	---------------------------------------



MB 240 DGMIG

81.03.014	MB 240 DgMig MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.03.012	MB 240 DgMig MIG/MAG WELDING TORCH - 4m - LIQUID COOLED

MT 440 W

 Water	 0.8-1.6mm	 3/4m	X% Ar/CO₂ 100% 450A	X% CO₂ 100% 500A
--	--	---	--	---------------------------------------



MT 440 W

81.05.72812	MT 440 W MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.72826	MT 440 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED

MT 440 W U/D

 Water	 0.8-1.6mm	 3/4m	X% Ar/CO₂ 100% 450A	X% CO₂ 100% 500A
--	--	---	--	---------------------------------------



MT 440 W U/D

81.05.039	MT 440 W U/D MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.040	MT 440 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED

MB 501 DGMIG

			X% Ar/CO ₂	X% CO ₂
Water	0.8-1.6mm	3/4m	100% 450A	100% 500A

**MB 501 DGMIG**

81.03.016	MB 501 DgMig MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.03.010	MB 501 DgMig MIG/MAG WELDING TORCH - 4m - LIQUID COOLED
81.03.015	MB 501 DgMig MIG/MAG WELDING TORCH - 5m - LIQUID COOLED

MT 540 W

			X% Ar/CO ₂	X% CO ₂
Water	0.8-1.6mm	3/4m	100% 550A	100% 600A

**MT 540 W**

81.05.72860	MT 540 W MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.72878	MT 540 W MIG/MAG WELDING TORCH - 4m - LIQUID COOLED

MT 540 W U/D

			X% Ar/CO ₂	X% CO ₂
Water	0.8-1.6mm	3/4m	100% 550A	100% 600A

**MT 540 W U/D**

81.05.041	MT 540 W U/D MIG/MAG WELDING TORCH - 3m - LIQUID COOLED
81.05.042	MT 540 W U/D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED

PP PLUS 401D

			X% Ar/CO ₂	X% CO ₂
Water	0.8-1.6mm	4/8m	100% 350A	100% 400A

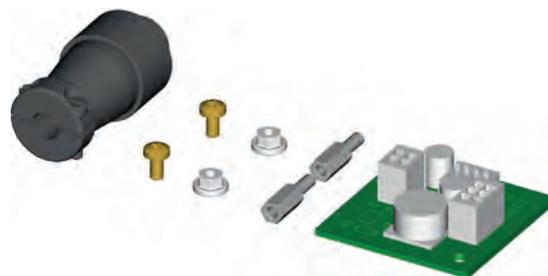
**PP PLUS 401D Water**

81.01.143	PP PLUS 401 D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED - 45°
81.01.142	PP PLUS 401 D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED - STRAIGHT
81.01.14201	PP PLUS 401 D MIG/MAG WELDING TORCH - 4m - LIQUID COOLED - STRAIGHT
81.01.145	PP PLUS 401 D MIG/MAG WELDING TORCH - 8m - LIQUID COOLED - 45°
81.01.144	PP PLUS 401 D MIG/MAG WELDING TORCH - 8m - LIQUID COOLED - STRAIGHT

Kit Push Pull

COMPATIBLE WITH

- URANOS NX 2200 SMC
- URANOS NX 2200 PMC
- URANOS NX 2200 MTE
- URANOS NX 2700 SMC
- URANOS NX 2700 PMC
- URANOS NX 2700 MTE



Kit Push Pull

73.11.024 PUSH PULL - UPGRADE KIT

Kit Push Pull

COMPATIBLE WITH

- TERRA NX 320 SMC
- TERRA NX 320 PMC
- TERRA NX 400 SMC
- TERRA NX 400 PMC
- WF NX 3000
- WF NX 4000
- WF NX 330
- WF NX 430 SteelDrive



Kit Push Pull

73.11.012 PUSH PULL KIT

Kit Push Pull

COMPATIBLE WITH

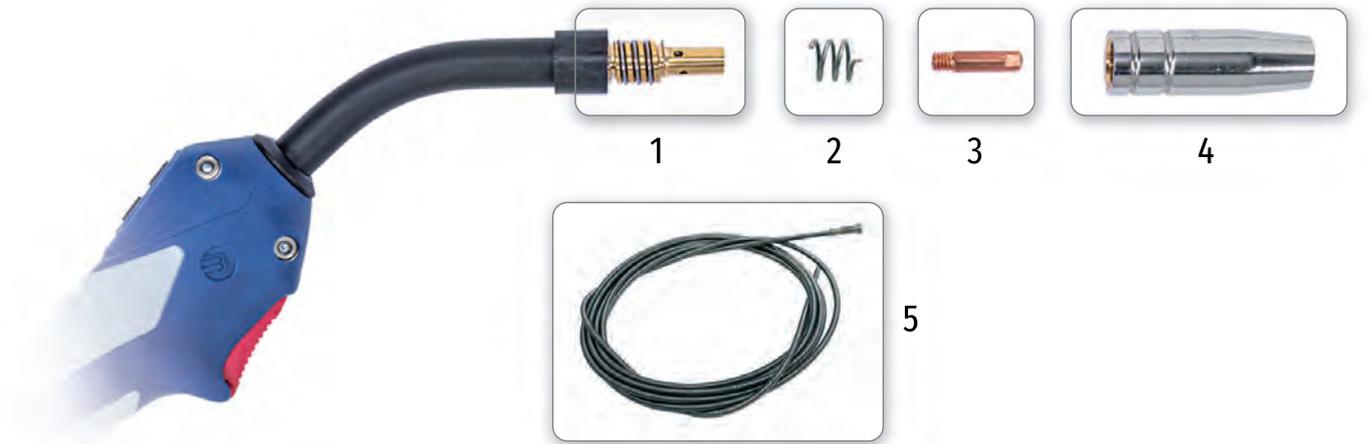
- WF NX 430 Classic
- WF NX 430 Smart



Kit Push Pull

73.11.013 PUSH PULL KIT

Spares MT 150 G - 150 G U/D

**1 Tip holder - short**

82.16.56772 TIP HOLDER MT 150 M6 (5 pieces)

2 Gas nozzle spring

82.16.61431 GAS NOZZLE SPRING (100 pieces)

3 Contact tip

82.16.56810 CONTACT TIP ECu M6 0,8mm L25mm (10 pieces)

82.16.56811 CONTACT TIP ECu M6 1,0mm L25mm (10 pieces)

82.16.63433 CONTACT TIP ECu ALU WIRE M6 0,8mm L25mm (10 pieces)

82.16.63434 CONTACT TIP ECu ALU WIRE M6 1,0mm L25mm (10 pieces)

4 Gas nozzle (conical)

82.16.56739 GAS NOZZLE (5 pieces)

5 Insulated liner

82.16.56840 LINER 0,8mm - 3m

82.16.56846 LINER 0,8mm - 4m

82.16.56849 LINER 1,0 / 1,2mm - 3m

82.16.56875 LINER 1,0 / 1,2mm - 4m

82.16.56876 LINER 1,6mm - 3m

82.16.56877 LINER 1,6mm - 4m

82.16.62197 INSULATED LINER (BLUE) 0,8mm 3m

82.16.62198 INSULATED LINER (BLUE) 0,8mm 4m

82.16.62200 INSULATED LINER (RED) 1,0-1,2mm 3m

82.16.62201 INSULATED LINER (RED) 1,0-1,2mm 4m

82.16.62202 INSULATED LINER (YELLOW) 1,6mm 3m

82.16.62204 INSULATED LINER (YELLOW) 1,6mm 4m

82.16.62205 CARBON-PTFE LINER ALU WIRE 0,8mm 3m

82.16.62206 CARBON-PTFE LINER ALU WIRE 0,8mm 4m

82.16.62207 CARBON-PTFE LINER ALU WIRE 1,0-1,2mm 3m

82.16.62208 CARBON-PTFE LINER ALU WIRE 1,0-1,2mm 4m

82.16.62209 CARBON-PTFE LINER ALU WIRE 1,6mm 3m

82.16.62210 CARBON-PTFE LINER ALU WIRE 1,6mm 4m

82.16.70229 LINER ALU-WIRE 0,8mm 3,5m BRASS SPIRAL

82.16.70230 LINER ALU-WIRE 0,8mm 4,5m BRASS SPIRAL

82.16.70161 LINER ALU-WIRE 1,0-1,2mm 3,5m BRASS SPIRAL

82.16.70215 LINER ALU-WIRE 1,0-1,2mm 4,5m BRASS SPIRAL

82.16.70155 LINER ALU-WIRE 1,6mm 3,5m BRASS SPIRAL

82.16.70159 LINER ALU-WIRE 1,6mm 4,5m BRASS SPIRAL

82.16.70121 CARBON-PTFE LINER ALU WIRE 0,8mm 3,5m BRASS SPIRAL

82.16.70152 CARBON-PTFE LINER ALU WIRE 0,8mm 4,5m BRASS SPIRAL

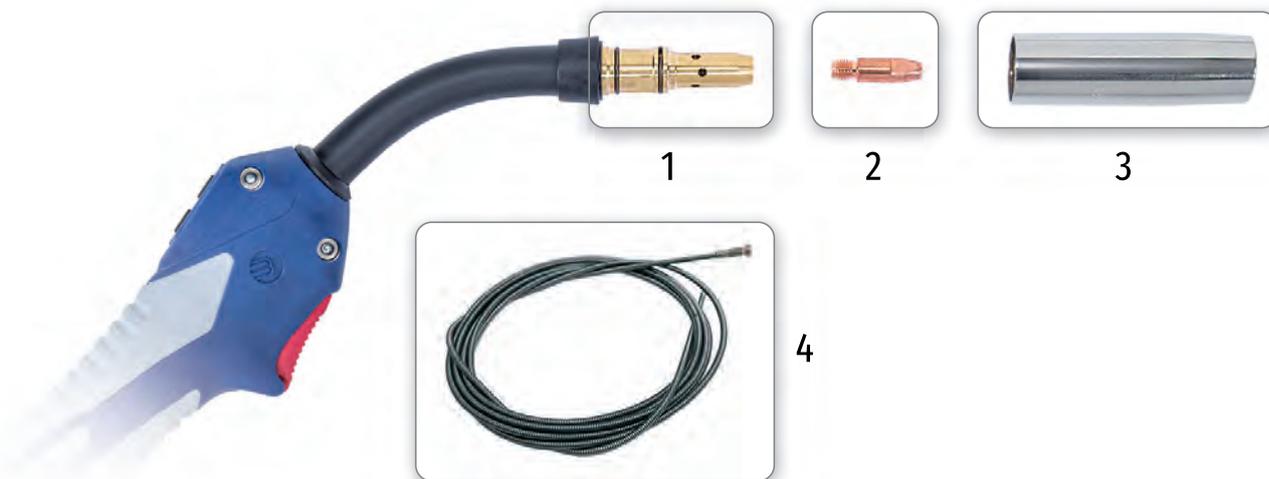
82.16.70176 CARBON-PTFE LINER ALU WIRE 1,0-1,2mm 3,5m BRASS SPIRAL

82.16.70224 CARBON-PTFE LINER ALU WIRE 1,0-1,2mm 4,5m BRASS SPIRAL

82.16.73108 CARBON-PTFE LINER ALU WIRE 1,6mm 3,5m BRASS SPIRAL

82.16.73111 CARBON-PTFE LINER ALU WIRE 1,6mm 4,5m BRASS SPIRAL

Spares MT 250 G - 250 G U/D



1	Tip holder - short
82.16.72917	TIP HOLDER MT 250 M6 (5 pieces)
2	Contact tip
82.16.72939	CONTACT TIP ECu M6 0,8mm L28mm (10 pieces)
82.16.72940	CONTACT TIP ECu M6 1,0mm L28mm (10 pieces)
82.16.72947	CONTACT TIP ECu M6 1,2mm L28mm (10 pieces)
82.16.73098	CONTACT TIP CuCrZr M6 0,8mm L28mm (10 pieces)
82.16.73102	CONTACT TIP CuCrZr M6 1,0mm L28mm (10 pieces)
82.16.73107	CONTACT TIP CuCrZr M6 1,2mm L28mm (10 pieces)
82.16.73026	CONTACT TIP ECu ALU WIRE M6 0,8mm L28mm (10 pieces)
82.16.73043	CONTACT TIP ECu ALU WIRE M6 1,0mm L28mm (10 pieces)
82.16.73055	CONTACT TIP ECu ALU WIRE M6 1,2mm L28mm (10 pieces)
3	Gas nozzle (conical)
82.16.56740	GAS NOZZLE MT 250 (5 pieces)
4	Insulated liner
82.16.56840	LINER 0,8mm - 3m
82.16.56846	LINER 0,8mm - 4m
82.16.56849	LINER 1,0 / 1,2mm - 3m
82.16.56875	LINER 1,0 / 1,2mm - 4m
82.16.56876	LINER 1,6mm - 3m
82.16.56877	LINER 1,6mm - 4m
82.16.62197	INSULATED LINER (BLUE) 0,8mm 3m
82.16.62198	INSULATED LINER (BLUE) 0,8mm 4m
82.16.62200	INSULATED LINER (RED) 1,0-1,2mm 3m
82.16.62201	INSULATED LINER (RED) 1,0-1,2mm 4m
82.16.62202	INSULATED LINER (YELLOW) 1,6mm 3m
82.16.62204	INSULATED LINER (YELLOW) 1,6mm 4m
82.16.62205	CARBON-PTFE LINER ALU WIRE 0,8mm 3m
82.16.62206	CARBON-PTFE LINER ALU WIRE 0,8mm 4m
82.16.62207	CARBON-PTFE LINER ALU WIRE 1,0-1,2mm 3m
82.16.62208	CARBON-PTFE LINER ALU WIRE 1,0-1,2mm 4m
82.16.62209	CARBON-PTFE LINER ALU WIRE 1,6mm 3m
82.16.62210	CARBON-PTFE LINER ALU WIRE 1,6mm 4m
82.16.70229	LINER ALU-WIRE 0,8mm 3,5m BRASS SPIRAL
82.16.70230	LINER ALU-WIRE 0,8mm 4,5m BRASS SPIRAL
82.16.70161	LINER ALU-WIRE 1,0-1,2mm 3,5m BRASS SPIRAL
82.16.70215	LINER ALU-WIRE 1,0-1,2mm 4,5m BRASS SPIRAL
82.16.70155	LINER ALU-WIRE 1,6mm 3,5m BRASS SPIRAL
82.16.70159	LINER ALU-WIRE 1,6mm 4,5m BRASS SPIRAL
82.16.70121	CARBON-PTFE LINER ALU WIRE 0,8mm 3,5m BRASS SPIRAL
82.16.70152	CARBON-PTFE LINER ALU WIRE 0,8mm 4,5m BRASS SPIRAL
82.16.70176	CARBON-PTFE LINER ALU WIRE 1,0-1,2mm 3,5m BRASS SPIRAL
82.16.70224	CARBON-PTFE LINER ALU WIRE 1,0-1,2mm 4,5m BRASS SPIRAL
82.16.73108	CARBON-PTFE LINER ALU WIRE 1,6mm 3,5m BRASS SPIRAL
82.16.73111	CARBON-PTFE LINER ALU WIRE 1,6mm 4,5m BRASS SPIRAL

Spares MT 300 G - 300 G U/D- MT 350 G - 350 G U/D

**1 Tip holder - short**

82.16.72921 TIP HOLDER MT 300 / MT 350 M8 (5 pieces)

2 Contact tip

82.16.72936 CONTACT TIP ECu M8 0,8mm L30mm (10 pieces)

82.16.72937 CONTACT TIP ECu M8 1,0mm L30mm (10 pieces)

82.16.72938 CONTACT TIP ECu M8 1,2mm L30mm (10 pieces)

82.16.72948 CONTACT TIP CuCrZr M8 0,8mm L30mm (10 pieces)

82.16.72983 CONTACT TIP CuCrZr M8 1,0mm L30mm (10 pieces)

82.16.72989 CONTACT TIP CuCrZr M8 1,2mm L30mm (10 pieces)

82.16.73014 CONTACT TIP CuCrZr M8 1,6mm L30mm (10 pieces)

82.16.73061 CONTACT TIP ECu ALU WIRE M8 0,8mm L30mm (10 pieces)

82.16.73073 CONTACT TIP ECu ALU WIRE M8 1,0mm L30mm (10 pieces)

82.16.73086 CONTACT TIP ECu ALU WIRE M8 1,2mm L30mm (10 pieces)

82.16.73087 CONTACT TIP ECu ALU WIRE M8 1,6mm L30mm (10 pieces)

3 Gas nozzle (conical)

82.16.56752 GAS NOZZLE MT 300 / MT 350 (5 pieces)

4 Insulated liner

82.16.56840 LINER 0,8mm - 3m

82.16.56846 LINER 0,8mm - 4m

82.16.56849 LINER 1,0 / 1,2mm - 3m

82.16.56875 LINER 1,0 / 1,2mm - 4m

82.16.56876 LINER 1,6mm - 3m

82.16.56877 LINER 1,6mm - 4m

82.16.62197 INSULATED LINER (BLUE) 0,8mm 3m

82.16.62198 INSULATED LINER (BLUE) 0,8mm 4m

82.16.62200 INSULATED LINER (RED) 1,0-1,2mm 3m

82.16.62201 INSULATED LINER (RED) 1,0-1,2mm 4m

82.16.62202 INSULATED LINER (YELLOW) 1,6mm 3m

82.16.62204 INSULATED LINER (YELLOW) 1,6mm 4m

82.16.62205 CARBON-PTFE LINER ALU WIRE 0,8mm 3m

82.16.62206 CARBON-PTFE LINER ALU WIRE 0,8mm 4m

82.16.62207 CARBON-PTFE LINER ALU WIRE 1,0-1,2mm 3m

82.16.62208 CARBON-PTFE LINER ALU WIRE 1,0-1,2mm 4m

82.16.62209 CARBON-PTFE LINER ALU WIRE 1,6mm 3m

82.16.62210 CARBON-PTFE LINER ALU WIRE 1,6mm 4m

82.16.70229 LINER ALU-WIRE 0,8mm 3,5m BRASS SPIRAL

82.16.70230 LINER ALU-WIRE 0,8mm 4,5m BRASS SPIRAL

82.16.70161 LINER ALU-WIRE 1,0-1,2mm 3,5m BRASS SPIRAL

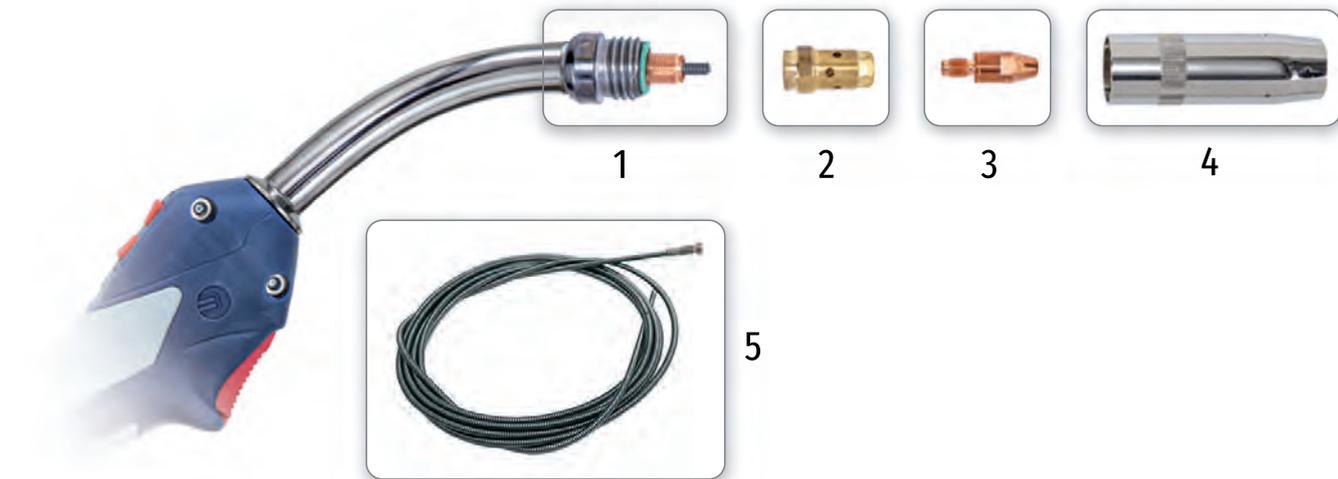
82.16.70215 LINER ALU-WIRE 1,0-1,2mm 4,5m BRASS SPIRAL

82.16.70155 LINER ALU-WIRE 1,6mm 3,5m BRASS SPIRAL

82.16.70159 LINER ALU-WIRE 1,6mm 4,5m BRASS SPIRAL

4	Insulated liner
82.16.70121	CARBON-PTFE LINER ALU WIRE 0,8mm 3,5m BRASS SPIRAL
82.16.70152	CARBON-PTFE LINER ALU WIRE 0,8mm 4,5m BRASS SPIRAL
82.16.70176	CARBON-PTFE LINER ALU WIRE 1,0-1,2mm 3,5m BRASS SPIRAL
82.16.70224	CARBON-PTFE LINER ALU WIRE 1,0-1,2mm 4,5m BRASS SPIRAL
82.16.73108	CARBON-PTFE LINER ALU WIRE 1,6mm 3,5m BRASS SPIRAL
82.16.73111	CARBON-PTFE LINER ALU WIRE 1,6mm 4,5m BRASS SPIRAL

Spares MT 440 W - 440 W U/D

**1 Plain washer**

82.08.70466 INSULATING WASHER (10 pieces)

2 Tip holder - short

82.16.72926 TIP HOLDER MT 440 M8 (5 pieces)

3 Contact tip

82.16.72936 CONTACT TIP ECu M8 0,8mm L30mm (10 pieces)

82.16.72937 CONTACT TIP ECu M8 1,0mm L30mm (10 pieces)

82.16.72938 CONTACT TIP ECu M8 1,2mm L30mm (10 pieces)

82.16.72948 CONTACT TIP CuCrZr M8 0,8mm L30mm (10 pieces)

82.16.72983 CONTACT TIP CuCrZr M8 1.0mm L30mm (10 pieces)

82.16.72989 CONTACT TIP CuCrZr M8 1.2mm L30mm (10 pieces)

82.16.73014 CONTACT TIP CuCrZr M8 1.6mm L30mm (10 pieces)

82.16.73061 CONTACT TIP ECu ALU WIRE M8 0,8mm L30mm (10 pieces)

82.16.73073 CONTACT TIP ECu ALU WIRE M8 1,0mm L30mm (10 pieces)

82.16.73086 CONTACT TIP ECu ALU WIRE M8 1,2mm L30mm (10 pieces)

82.16.73087 CONTACT TIP ECu ALU WIRE M8 1,6mm L30mm (10 pieces)

4 Gas nozzle (conical)

82.16.56753 GAS NOZZLE MT 440 (5 pieces)

5 Insulated liner

82.16.56840 LINER 0,8mm - 3m

82.16.56846 LINER 0,8mm - 4m

82.16.56849 LINER 1,0 / 1,2mm - 3m

82.16.56875 LINER 1,0 / 1,2mm - 4m

82.16.56876 LINER 1,6mm - 3m

82.16.56877 LINER 1,6mm - 4m

82.16.62197 INSULATED LINER (BLUE) 0,8mm 3m

82.16.62198 INSULATED LINER (BLUE) 0,8mm 4m

82.16.62200 INSULATED LINER (RED) 1,0-1,2mm 3m

82.16.62201 INSULATED LINER (RED) 1,0-1,2mm 4m

82.16.62202 INSULATED LINER (YELLOW) 1,6mm 3m

82.16.62204 INSULATED LINER (YELLOW) 1,6mm 4m

82.16.62205 CARBON-PTFE LINER ALU WIRE 0,8mm 3m

82.16.62206 CARBON-PTFE LINER ALU WIRE 0,8mm 4m

82.16.62207 CARBON-PTFE LINER ALU WIRE 1,0-1,2mm 3m

82.16.62208 CARBON-PTFE LINER ALU WIRE 1,0-1,2mm 4m

82.16.62209 CARBON-PTFE LINER ALU WIRE 1,6mm 3m

82.16.62210 CARBON-PTFE LINER ALU WIRE 1,6mm 4m

82.16.70229 LINER ALU-WIRE 0,8mm 3,5m BRASS SPIRAL

82.16.70230 LINER ALU-WIRE 0,8mm 4,5m BRASS SPIRAL

82.16.70161 LINER ALU-WIRE 1,0-1,2mm 3,5m BRASS SPIRAL

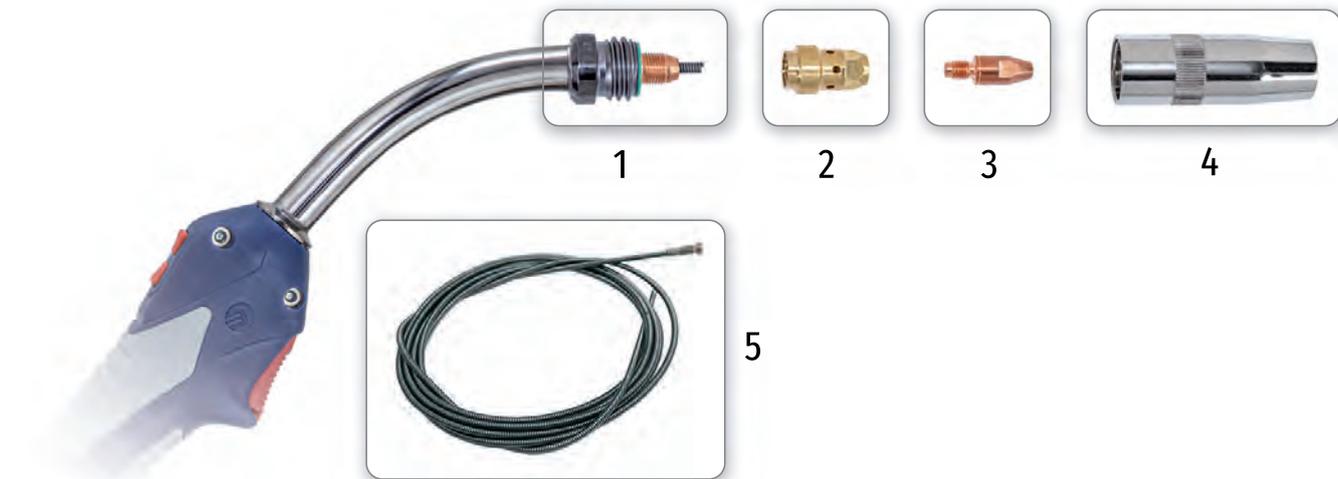
82.16.70215 LINER ALU-WIRE 1,0-1,2mm 4,5m BRASS SPIRAL

82.16.70155 LINER ALU-WIRE 1,6mm 3,5m BRASS SPIRAL

82.16.70159 LINER ALU-WIRE 1,6mm 4,5m BRASS SPIRAL

5	Insulated liner
82.16.70121	CARBON-PTFE LINER ALU WIRE 0,8mm 3,5m BRASS SPIRAL
82.16.70152	CARBON-PTFE LINER ALU WIRE 0,8mm 4,5m BRASS SPIRAL
82.16.70176	CARBON-PTFE LINER ALU WIRE 1,0-1,2mm 3,5m BRASS SPIRAL
82.16.70224	CARBON-PTFE LINER ALU WIRE 1,0-1,2mm 4,5m BRASS SPIRAL
82.16.73108	CARBON-PTFE LINER ALU WIRE 1,6mm 3,5m BRASS SPIRAL
82.16.73111	CARBON-PTFE LINER ALU WIRE 1,6mm 4,5m BRASS SPIRAL

Spares MT 540 W - 540 W U/D



1	Plain washer
82.08.70466	INSULATING WASHER (10 pieces)
2	Tip holder - short
82.16.72931	TIP HOLDER MT 540 M8 (5 pieces)
3	Contact tip
82.16.72936	CONTACT TIP ECu M8 0,8mm L30mm (10 pieces)
82.16.72937	CONTACT TIP ECu M8 1,0mm L30mm (10 pieces)
82.16.72938	CONTACT TIP ECu M8 1,2mm L30mm (10 pieces)
82.16.72948	CONTACT TIP CuCrZr M8 0,8mm L30mm (10 pieces)
82.16.72983	CONTACT TIP CuCrZr M8 1.0mm L30mm (10 pieces)
82.16.72989	CONTACT TIP CuCrZr M8 1.2mm L30mm (10 pieces)
82.16.73014	CONTACT TIP CuCrZr M8 1.6mm L30mm (10 pieces)
82.16.73061	CONTACT TIP ECu ALU WIRE M8 0,8mm L30mm (10 pieces)
82.16.73073	CONTACT TIP ECu ALU WIRE M8 1,0mm L30mm (10 pieces)
82.16.73086	CONTACT TIP ECu ALU WIRE M8 1,2mm L30mm (10 pieces)
82.16.73087	CONTACT TIP ECu ALU WIRE M8 1,6mm L30mm (10 pieces)
4	Gas nozzle (conical)
82.16.56755	GAS NOZZLE MT 540 (5 pieces)
5	Insulated liner
82.16.56840	LINER 0,8mm - 3m
82.16.56846	LINER 0,8mm - 4m
82.16.56849	LINER 1,0 / 1,2mm - 3m
82.16.56875	LINER 1,0 / 1,2mm - 4m
82.16.56876	LINER 1,6mm - 3m
82.16.56877	LINER 1,6mm - 4m
82.16.62197	INSULATED LINER (BLUE) 0,8mm 3m
82.16.62198	INSULATED LINER (BLUE) 0,8mm 4m
82.16.62200	INSULATED LINER (RED) 1,0-1,2mm 3m
82.16.62201	INSULATED LINER (RED) 1,0-1,2mm 4m
82.16.62202	INSULATED LINER (YELLOW) 1,6mm 3m
82.16.62204	INSULATED LINER (YELLOW) 1,6mm 4m
82.16.62205	CARBON-PTFE LINER ALU WIRE 0,8mm 3m
82.16.62206	CARBON-PTFE LINER ALU WIRE 0,8mm 4m
82.16.62207	CARBON-PTFE LINER ALU WIRE 1,0-1,2mm 3m
82.16.62208	CARBON-PTFE LINER ALU WIRE 1,0-1,2mm 4m
82.16.62209	CARBON-PTFE LINER ALU WIRE 1,6mm 3m
82.16.62210	CARBON-PTFE LINER ALU WIRE 1,6mm 4m
82.16.70229	LINER ALU-WIRE 0,8mm 3,5m BRASS SPIRAL
82.16.70230	LINER ALU-WIRE 0,8mm 4,5m BRASS SPIRAL
82.16.70161	LINER ALU-WIRE 1,0-1,2mm 3,5m BRASS SPIRAL
82.16.70215	LINER ALU-WIRE 1,0-1,2mm 4,5m BRASS SPIRAL
82.16.70155	LINER ALU-WIRE 1,6mm 3,5m BRASS SPIRAL
82.16.70159	LINER ALU-WIRE 1,6mm 4,5m BRASS SPIRAL

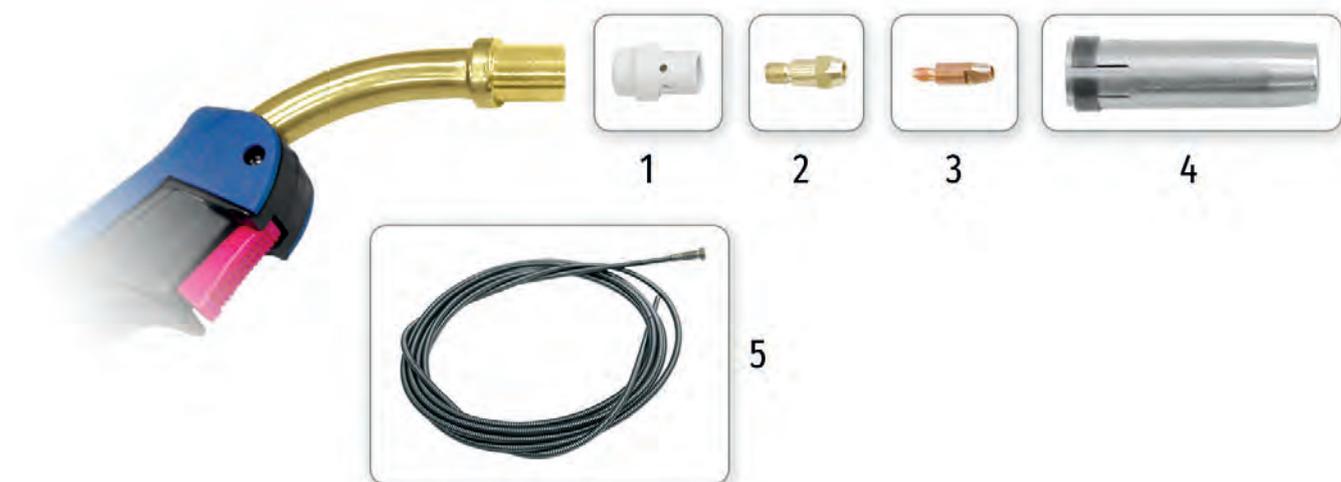
5	Insulated liner
82.16.70121	CARBON-PTFE LINER ALU WIRE 0,8mm 3,5m BRASS SPIRAL
82.16.70152	CARBON-PTFE LINER ALU WIRE 0,8mm 4,5m BRASS SPIRAL
82.16.70176	CARBON-PTFE LINER ALU WIRE 1,0-1,2mm 3,5m BRASS SPIRAL
82.16.70224	CARBON-PTFE LINER ALU WIRE 1,0-1,2mm 4,5m BRASS SPIRAL
82.16.73108	CARBON-PTFE LINER ALU WIRE 1,6mm 3,5m BRASS SPIRAL
82.16.73111	CARBON-PTFE LINER ALU WIRE 1,6mm 4,5m BRASS SPIRAL

Spares MB25DGMIG



1	Gas nozzle spring
82.08.035	GAS NOZZLE SPRING (20 pieces)
2	Gas diffuser
82.03.002	GAS DIFFUSER (10 pieces)
3	Contact tip
82.16.72936	CONTACT TIP ECu M8 0,8mm L30mm (10 pieces)
82.16.72937	CONTACT TIP ECu M8 1,0mm L30mm (10 pieces)
82.16.72938	CONTACT TIP ECu M8 1,2mm L30mm (10 pieces)
82.16.72948	CONTACT TIP CuCrZr M8 0,8mm L30mm (10 pieces)
82.16.72983	CONTACT TIP CuCrZr M8 1.0mm L30mm (10 pieces)
82.16.72989	CONTACT TIP CuCrZr M8 1.2mm L30mm (10 pieces)
82.16.73014	CONTACT TIP CuCrZr M8 1.6mm L30mm (10 pieces)
82.16.73061	CONTACT TIP ECu ALU WIRE M8 0,8mm L30mm (10 pieces)
82.16.73073	CONTACT TIP ECu ALU WIRE M8 1,0mm L30mm (10 pieces)
82.16.73086	CONTACT TIP ECu ALU WIRE M8 1,2mm L30mm (10 pieces)
82.16.73087	CONTACT TIP ECu ALU WIRE M8 1,6mm L30mm (10 pieces)
4	Gas nozzle (conical)
82.02.011	GAS NOZZLE (CONICAL) (10 pieces)
5	Insulated liner
82.05.002	LINER 0,6-0,9mm - L.3m (1 piece)
82.05.003	LINER 1,0-1,2mm - L.3m (1 piece)
82.05.011	LINER 0,6-0,9mm - L.4m (1 piece)
82.05.013	LINER 1,0-1,2mm - L.4m (1 piece)
82.05.138	GRAPHITE LINER 0,6-0,8mm - L.3m (1 piece)
82.05.139	GRAPHITE LINER 0,6-0,8mm - L.4m (1 piece)
82.05.141	GRAPHITE LINER 1,0-1,2mm - L.3m (1 piece)
82.05.142	GRAPHITE LINER 1,0-1,2mm - L.4m (1 piece)
82.05.147	GRAPHITE LINER 0,6-0,8mm - L.3m BRASS SPIRAL (1 piece)
82.05.148	GRAPHITE LINER 0,6-0,8mm - L.4m BRASS SPIRAL (1 piece)
82.05.150	GRAPHITE LINER 1,0-1,2mm - L.3m BRASS SPIRAL (1 piece)
82.05.151	GRAPHITE LINER 1,0-1,2mm - L.4m BRASS SPIRAL (1 piece)

Spares MB240DGMIG



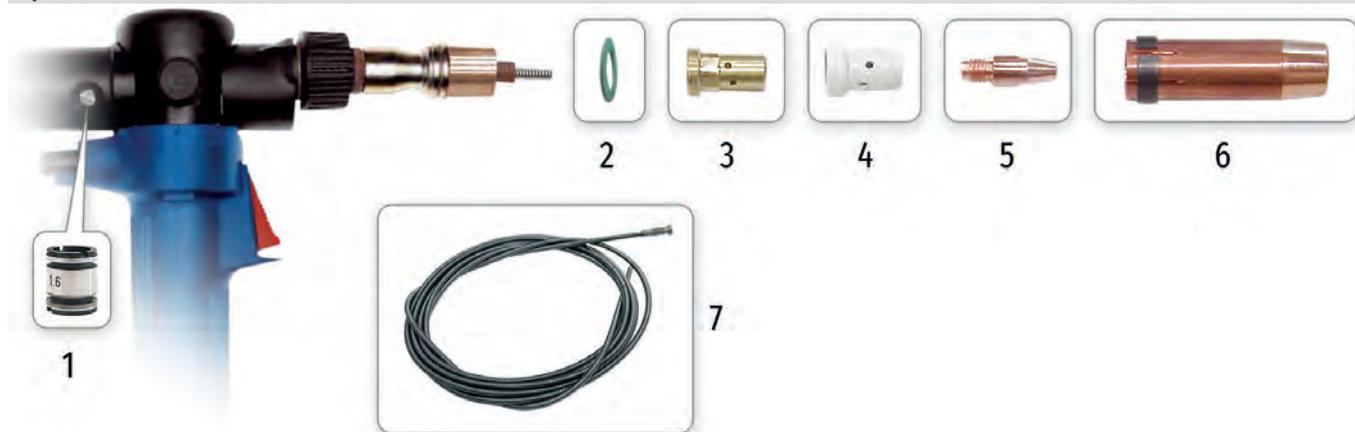
1	Isolated gas diffuser
82.03.010	ISOLATED GAS DIFFUSER (10 pieces)
2	Tip holder - short
82.03.114	TIP HOLDER - M6 (10 pieces)
3	Contact tip
82.16.72936	CONTACT TIP ECu M8 0,8mm L30mm (10 pieces)
82.16.72937	CONTACT TIP ECu M8 1,0mm L30mm (10 pieces)
82.16.72938	CONTACT TIP ECu M8 1,2mm L30mm (10 pieces)
82.16.72948	CONTACT TIP CuCrZr M8 0,8mm L30mm (10 pieces)
82.16.72983	CONTACT TIP CuCrZr M8 1.0mm L30mm (10 pieces)
82.16.72989	CONTACT TIP CuCrZr M8 1.2mm L30mm (10 pieces)
82.16.73014	CONTACT TIP CuCrZr M8 1.6mm L30mm (10 pieces)
82.16.73061	CONTACT TIP ECu ALU WIRE M8 0,8mm L30mm (10 pieces)
82.16.73073	CONTACT TIP ECu ALU WIRE M8 1,0mm L30mm (10 pieces)
82.16.73086	CONTACT TIP ECu ALU WIRE M8 1,2mm L30mm (10 pieces)
82.16.73087	CONTACT TIP ECu ALU WIRE M8 1,6mm L30mm (10 pieces)
4	Gas nozzle (conical)
82.02.037	GAS NOZZLE (CONICAL) (10 pieces)
5	Insulated liner
82.05.004	LINER 1,2-1,6mm - L.3m (1 piece)
82.05.012	LINER 0,9-1,2mm - L.4m (1 piece)
82.05.014	LINER 1,2-1,6mm - L.4m (1 piece)
82.05.023	LINER 1,2-1,6mm - L.5m (1 piece)
82.05.138	GRAPHITE LINER 0,6-0,8mm - L.3m (1 piece)
82.05.139	GRAPHITE LINER 0,6-0,8mm - L.4m (1 piece)
82.05.141	GRAPHITE LINER 1,0-1,2mm - L.3m (1 piece)
82.05.142	GRAPHITE LINER 1,0-1,2mm - L.4m (1 piece)
82.05.144	GRAPHITE LINER 1,6mm - L.3m (1 piece)
82.05.145	GRAPHITE LINER 1,6mm - L.4m (1 piece)
82.05.147	GRAPHITE LINER 0,6-0,8mm - L.3m BRASS SPIRAL (1 piece)
82.05.148	GRAPHITE LINER 0,6-0,8mm - L.4m BRASS SPIRAL (1 piece)
82.05.150	GRAPHITE LINER 1,0-1,2mm - L.3m BRASS SPIRAL (1 piece)
82.05.151	GRAPHITE LINER 1,0-1,2mm - L.4m BRASS SPIRAL (1 piece)
82.05.153	TEFLON LINER 1,6mm - L.3m BRASS SPIRAL (1 piece)
82.05.154	TEFLON LINER 1,6mm - L.4m BRASS SPIRAL (1 piece)

Spares MB501DGMIG



1	Plain washer
82.08.046	PLAIN WASHER (20 pieces)
2	Tip holder - short
82.03.104	TIP HOLDER - SHORT - M6 (10 pieces)
82.03.105	TIP HOLDER - SHORT - M8 (10 pieces)
82.03.110	TIP HOLDER - LONG - M8 (10 pieces)
3	Isolated gas diffuser
82.03.006	ISOLATED GAS DIFFUSER (10 pieces)
4	Contact tip
82.16.72936	CONTACT TIP Ecu M8 0,8mm L30mm (10 pieces)
82.16.72937	CONTACT TIP Ecu M8 1,0mm L30mm (10 pieces)
82.16.72938	CONTACT TIP Ecu M8 1,2mm L30mm (10 pieces)
82.16.72948	CONTACT TIP CuCrZr M8 0,8mm L30mm (10 pieces)
82.16.72983	CONTACT TIP CuCrZr M8 1.0mm L30mm (10 pieces)
82.16.72989	CONTACT TIP CuCrZr M8 1.2mm L30mm (10 pieces)
82.16.73014	CONTACT TIP CuCrZr M8 1.6mm L30mm (10 pieces)
82.16.73061	CONTACT TIP Ecu ALU WIRE M8 0,8mm L30mm (10 pieces)
82.16.73073	CONTACT TIP Ecu ALU WIRE M8 1,0mm L30mm (10 pieces)
82.16.73086	CONTACT TIP Ecu ALU WIRE M8 1,2mm L30mm (10 pieces)
82.16.73087	CONTACT TIP Ecu ALU WIRE M8 1,6mm L30mm (10 pieces)
5	Gas nozzle (conical)
82.02.012	GAS NOZZLE (CONICAL) (10 pieces)
6	Insulated liner
82.05.004	LINER 1,2-1,6mm - L.3m (1 piece)
82.05.012	LINER 0,9-1,2mm - L.4m (1 piece)
82.05.014	LINER 1,2-1,6mm - L.4m (1 piece)
82.05.023	LINER 1,2-1,6mm - L.5m (1 piece)
82.05.138	GRAPHITE LINER 0,6-0,8mm - L.3m (1 piece)
82.05.139	GRAPHITE LINER 0,6-0,8mm - L.4m (1 piece)
82.05.140	GRAPHITE LINER 0,6-0,8mm - L.5m (1 piece)
82.05.141	GRAPHITE LINER 1,0-1,2mm - L.3m (1 piece)
82.05.142	GRAPHITE LINER 1,0-1,2mm - L.4m (1 piece)
82.05.143	GRAPHITE LINER 1,0-1,2mm - L.5m (1 piece)
82.05.144	GRAPHITE LINER 1,6mm - L.3m (1 piece)
82.05.145	GRAPHITE LINER 1,6mm - L.4m (1 piece)
82.05.146	GRAPHITE LINER 1,6mm - L.5m (1 piece)
82.05.147	GRAPHITE LINER 0,6-0,8mm - L.3m BRASS SPIRAL (1 piece)
82.05.148	GRAPHITE LINER 0,6-0,8mm - L.4m BRASS SPIRAL (1 piece)
82.05.149	GRAPHITE LINER 0,6-0,8mm - L.5m BRASS SPIRAL (1 piece)
82.05.150	GRAPHITE LINER 1,0-1,2mm - L.3m BRASS SPIRAL (1 piece)
82.05.151	GRAPHITE LINER 1,0-1,2mm - L.4m BRASS SPIRAL (1 piece)
82.05.152	GRAPHITE LINER 1,0-1,2mm - L.5m BRASS SPIRAL (1 piece)
82.05.153	TEFLON LINER 1,6mm - L.3m BRASS SPIRAL (1 piece)
82.05.154	TEFLON LINER 1,6mm - L.4m BRASS SPIRAL (1 piece)
82.05.155	TEFLON LINER 1,6mm - L.5m BRASS SPIRAL (1 piece)

Spares PP PLUS 401D



1	Push pull drive roll
82.08.113	PUSH PULL DRIVE ROLL - D.0,8mm (1 piece)
82.08.114	PUSH PULL DRIVE ROLL - D.0,9mm (1 piece)
82.08.115	PUSH PULL DRIVE ROLL - D.1,0mm (1 piece)
82.08.116	PUSH PULL DRIVE ROLL - D.1,2mm (1 piece)
82.08.117	PUSH PULL DRIVE ROLL - D.1,6mm (1 piece)
2	Plain washer
82.08.046	PLAIN WASHER (20 pieces)
3	Tip holder - short
82.03.104	TIP HOLDER - SHORT - M6 (10 pieces)
82.03.105	TIP HOLDER - SHORT - M8 (10 pieces)
82.03.110	TIP HOLDER - LONG - M8 (10 pieces)
4	Isolated gas diffuser
82.03.006	ISOLATED GAS DIFFUSER (10 pieces)
5	Contact tip
82.16.72936	CONTACT TIP ECu M8 0,8mm L30mm (10 pieces)
82.16.72937	CONTACT TIP ECu M8 1,0mm L30mm (10 pieces)
82.16.72938	CONTACT TIP ECu M8 1,2mm L30mm (10 pieces)
82.16.72948	CONTACT TIP CuCrZr M8 0,8mm L30mm (10 pieces)
82.16.72983	CONTACT TIP CuCrZr M8 1.0mm L30mm (10 pieces)
82.16.72989	CONTACT TIP CuCrZr M8 1.2mm L30mm (10 pieces)
82.16.73014	CONTACT TIP CuCrZr M8 1.6mm L30mm (10 pieces)
82.16.73061	CONTACT TIP ECu ALU WIRE M8 0,8mm L30mm (10 pieces)
82.16.73073	CONTACT TIP ECu ALU WIRE M8 1,0mm L30mm (10 pieces)
82.16.73086	CONTACT TIP ECu ALU WIRE M8 1,2mm L30mm (10 pieces)
82.16.73087	CONTACT TIP ECu ALU WIRE M8 1,6mm L30mm (10 pieces)
6	Gas nozzle (conical)
82.02.012	GAS NOZZLE (CONICAL) (10 pieces)
7	Insulated liner
82.05.012	LINER 0,9-1,2mm - L.4m (1 piece)
82.05.014	LINER 1,2-1,6mm - L.4m (1 piece)
82.05.139	GRAPHITE LINER 0,6-0,8mm - L.4m (1 piece)
82.05.142	GRAPHITE LINER 1,0-1,2mm - L.4m (1 piece)
82.05.145	GRAPHITE LINER 1,6mm - L.4m (1 piece)

ST1700E

 Gas	 0.5-2.4mm	 4/8m	X% DC 35% 150A	X% AC 35% 105A
--	--	---	--------------------------	--------------------------



ST1700E

81.32.063	ST 1700 E TIG WELDING TORCH - 4m - AIR COOLED
81.32.064	ST 1700 E TIG WELDING TORCH - 8m - AIR COOLED

Spares TIG torches

COMPATIBLE WITH

- ST1700	- ST2200	- ST3000	- ST4000	- ST17V
- ST1700 U/D	- ST2200 U/D	- ST3000 U/D	- ST4000 U/D	- ST26V
- ST1700 DigiTig	- ST2200 DigiTig	- ST3000 DigiTig	- ST4000 DigiTig	



1	Back cap (long)
82.10.018	BACK CAP (LONG) (3 pieces)
2	Back cap (short)
82.10.019	BACK CAP (SHORT) (3 pieces)
3	Gasket
82.10.020	O-RING (10 pieces)
4	Gas nozzle body insulator
82.10.002	GAS NOZZLE BODY INSULATOR (3 pieces)
5	Insulating ring
82.10.350	GAS NOZZLE BODY INSULATOR GAS LENS (3 pieces)
6	Collet
82.10.313	COLLET D.1,0mm (3 pieces)
82.10.314	COLLET D.1,6mm (3 pieces)
82.10.315	COLLET D.2,4mm (3 pieces)
82.10.316	COLLET D.3,2mm (3 pieces)
82.10.317	COLLET D.4,0mm (3 pieces)
7	Collet body
82.10.156	COLLET BODY D.0,5-1,2mm (3 pieces)
82.10.157	COLLET BODY D.1,6mm (3 pieces)
82.10.158	COLLET BODY D.2,4mm (3 pieces)
82.10.159	COLLET BODY D.3,2mm (3 pieces)
82.10.160	COLLET BODY D.4,0mm (3 pieces)

8	Collet body gas lens
82.10.352	COLLET BODY D.1,0mm GAS LENS (3 pieces)
82.10.353	COLLET BODY D.1,6mm GAS LENS (3 pieces)
82.10.354	COLLET BODY D.2,4mm GAS LENS (3 pieces)
82.10.355	COLLET BODY D.3,2mm GAS LENS (3 pieces)
82.10.356	COLLET BODY D.4,0mm GAS LENS (3 pieces)
9	Ceramic gas nozzle
82.10.162	CERAMIC GAS NOZZLE - NO.12 - D.19mm (10 pieces)
82.10.163	CERAMIC GAS NOZZLE - NO.4 - D.6,4mm (10 pieces)
82.10.164	CERAMIC GAS NOZZLE - NO.5 - D.8,0mm (10 pieces)
82.10.166	CERAMIC GAS NOZZLE - NO.6 - D.9,8mm (10 pieces)
82.10.168	CERAMIC GAS NOZZLE - NO.7 - D.11,2mm (10 pieces)
82.10.170	CERAMIC GAS NOZZLE - NO.8 - D.12,7mm (10 pieces)
82.10.161	CERAMIC GAS NOZZLE - NO.10 - D.15,7mm (10 pieces)
10	Ceramic gas nozzle gas lens
82.10.357	CERAMIC GAS NOZZLE - GR.4 - D.6,4mm GAS LENS (10 pieces)
82.10.358	CERAMIC GAS NOZZLE - GR.5 - D.8,0mm GAS LENS (10 pieces)
82.10.359	CERAMIC GAS NOZZLE - GR.6 - D.9,8mm GAS LENS (10 pieces)
82.10.360	CERAMIC GAS NOZZLE - GR.7 - D.11,2mm GAS LENS (10 pieces)
82.10.361	CERAMIC GAS NOZZLE - GR.8 - D.12,7mm GAS LENS (10 pieces)
82.10.362	CERAMIC GAS NOZZLE GR.12 D.17,2mm GAS LENS (10 pieces)
11	Electrode
82.11.065	TIG ROD WS2 D.1,0mm [TURQUOISE] (10 pieces)
82.11.066	TIG ROD WS2 D.1,6mm [TURQUOISE] (10 pieces)
82.11.068	TIG ROD WS2 D.2,4mm [TURQUOISE] (10 pieces)
82.11.070	TIG ROD WS2 D.3,2mm [TURQUOISE] (10 pieces)
82.11.071	TIG ROD WS2 D.4,0mm [TURQUOISE] (10 pieces)
82.11.053	TIG ROD PURE D.1,6mm [GREEN] (10 pieces)
82.11.055	TIG ROD PURE D.2,4mm [GREEN] (10 pieces)
82.11.057	TIG ROD PURE D.3,2mm [GREEN] (10 pieces)
82.11.058	TIG ROD PURE D.4,0mm [GREEN] (10 pieces)

T.MAP RapiDeep

- Faster welding
- Increased productivity
- Reduced welding costs
- Increased hourly weld material deposit rate
- Better penetration
- More concentrated arc
- Improved arc stability
- Improved arc control
- Less heat input
- Lower defect rates
- Improved welded joint quality



T.MAP QuickPulse

- Faster welding
- Increased productivity
- Reduced welding costs
- Increased hourly weld material deposit rate
- Better penetration
- More concentrated arc
- Improved arc stability
- Improved arc control
- Less heat input
- Lower defect rates
- Improved welded joint quality



T.MAP CladPulse

- Stainless steel plating, nickel alloys and CrCo
- Reliable and qualified MIG/MAG process
- Innovative waveform
- Perfect setup
- Very low dilution
- Minimum penetration
- ASME qualification
- WPS



T.MAP CladPulse

79.CP.00C99 WELDING PROCESS T.MAP CLADPULSE

Programs included

Thermanit GE 316L Ø1,2mm 98%Ar- 2%CO2

Thermanit 309L Mo Ø1,2mm 98%Ar- 2%CO2

UTP A 6222 Mo Ø1,2mm 100%Ar

SK STELKAY 6 G Ø1,2mm 100%Ar

Master Software



- diamondspark 52 BC Ø1,2mm 82%Ar-18%C02
- FOXcore 307 MC Ø1,2mm 98%Ar-2% C02
- Union AlMg5 Ø1,2mm 100%Ar
- Nibas 625 IG Ø1,2mm 100%Ar
- FOXcore 625 T1 Ø1,2mm Ar-18%C02
- Union AlMg5 Ø1,2mm 100%Ar
- Nibas 625 IG Ø1,2mm Ar-2%C02
- CrNi 23 12 (ER309) Ø1,2mm Ar-2%C02
- CrNi 19 12 3 (ER316) Ø1,2mm Ar-2%C02

...and many more...

Master Software

79.11.00031	MASTER SOFTWARE 1 - UNALLOYED STEEL - ArcDrive RapiDeep
79.11.00032	MASTER SOFTWARE 2 - UNALLOYED STEEL - PulsDrive QuickPulse
79.11.00033	MASTER SOFTWARE 3 - UNALLOYED STEEL - ArcDrive PulsDrive
79.11.00034	MASTER SOFTWARE 4 - HIGH ALLOYED STEEL
79.11.00035	MASTER SOFTWARE 5 - ALUMINUM AND COPPER ALLOY
79.11.00036	MASTER SOFTWARE 6 - UNIVERSAL APPLICATIONS

79.I1.00031 MASTER SOFTWARE 1 - UNALLOYED STEEL - ArcDrive RapiDeep

79.S1.01299	ArcDrive Welding Program - BOHLER EMK 6 Ø0,8mm M20 (Ar 5+15%CO2)
79.RD.01299	RapiDeep Welding Program - BOHLER EMK 6 Ø0,8mm M20 (Ar 5+15%CO2)
79.S1.01399	ArcDrive Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5+15%CO2)
79.RD.01399	RapiDeep Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5+15%CO2)
79.S1.01499	ArcDrive Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5+15%CO2)
79.RD.01499	RapiDeep Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5+15%CO2)
79.S1.00799	ArcDrive Welding Program - BOHLER EMK 6 Ø0,8mm M21 (Ar 15+25%CO2)
79.RD.00799	RapiDeep Welding Program - BOHLER EMK 6 Ø0,8mm M21 (Ar 15+25%CO2)
79.S1.00899	ArcDrive Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.00899	RapiDeep Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15+25%CO2)
79.S1.00999	ArcDrive Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15+25%CO2)
79.RD.00999	RapiDeep Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15+25%CO2)
79.S1.02099	ArcDrive Welding Program - diamondspark 52 BC Ø1,2mm M21 (Ar 15+25%CO2)
79.S1.02499	ArcDrive Welding Program - diamondspark 52 RC Ø1,2mm M21 (Ar 15+25%CO2)
79.S1.02899	ArcDrive Welding Program - diamondspark 52 RC Ø1,2mm C1 (CO2)
79.S1.20299	ArcDrive Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.RD.20299	RapiDeep Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.S1.20399	ArcDrive Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.RD.20399	RapiDeep Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.S1.03199	ArcDrive Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.03199	RapiDeep Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25%CO2)
79.S1.03298	ArcDrive Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25%CO2)
79.RD.03298	RapiDeep Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25%CO2)
79.S1.012	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M20 (Ar 5+15%CO2)
79.RD.012	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M20 (Ar 5+15%CO2)
79.S1.013	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M20 (Ar 5+15%CO2)
79.RD.013	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M20 (Ar 5+15%CO2)
79.S1.014	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M20 (Ar 5+15%CO2)
79.RD.014	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M20 (Ar 5+15%CO2)
79.S1.015	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M20 (Ar 5+15%CO2)
79.RD.015	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M20 (Ar 5+15%CO2)
79.S1.007	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M21 (Ar 15+25%CO2)
79.RD.007	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M21 (Ar 15+25%CO2)
79.S1.008	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.008	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M21 (Ar 15+25%CO2)
79.S1.009	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M21 (Ar 15+25%CO2)
79.RD.009	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M21 (Ar 15+25%CO2)
79.S1.010	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M21 (Ar 15+25%CO2)
79.RD.010	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M21 (Ar 15+25%CO2)
79.S1.002	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm C1 (CO2)
79.S1.003	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm C1 (CO2)
79.S1.004	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm C1 (CO2)
79.S1.005	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm C1 (CO2)
79.S1.020	ArcDrive Welding Program - BFCW Ø1,2mm M21 (Ar 15+25%CO2)
79.S1.022	ArcDrive Welding Program - BFCW Ø1,6mm M21 (Ar 15+25%CO2)
79.S1.024	ArcDrive Welding Program - RFCW Ø1,2mm M21 (Ar 15+25%CO2)
79.S1.026	ArcDrive Welding Program - RFCW Ø1,6mm M21 (Ar 15+25%CO2)
79.S1.028	ArcDrive Welding Program - RFCW Ø1,2mm C1 (CO2)
79.S1.031	ArcDrive Welding Program - MFCW Ø1,0mm M21 (Ar 15+25%CO2)
79.S1.032	ArcDrive Welding Program - MFCW Ø1,2mm M21 (Ar 15+25%CO2)
79.S1.034	ArcDrive Welding Program - MFCW Ø1,6mm M21 (Ar 15+25%CO2)
79.S1.036	ArcDrive Welding Program - MFCW Ø1,2mm C1 (CO2)
79.S1.138	ArcDrive Welding Program - MCW Ø1,2mm Self shielded

79.I1.00032 MASTER SOFTWARE 2 - UNALLOYED STEEL - PulsDrive QuickPulse

79.P1.01299	PulseDrive Welding Program - BOHLER EMK 6 Ø0,8mm M20 (Ar 5+15%CO2)
79.QP.01299	Quickpulse Welding Program - BOHLER EMK 6 Ø0,8mm M20 (Ar 5+15%CO2)
79.P1.01399	PulseDrive Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5+15%CO2)
79.QP.01399	Quickpulse Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.01499	PulseDrive Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5+15%CO2)
79.QP.01499	Quickpulse Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.00799	PulseDrive Welding Program - BOHLER EMK 6 Ø0,8mm M21 (Ar 15+25%CO2)
79.QP.00799	Quickpulse Welding Program - BOHLER EMK 6 Ø0,8mm M21 (Ar 15+25%CO2)
79.P1.00899	PulseDrive Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15+25%CO2)
79.QP.00899	Quickpulse Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.00999	PulseDrive Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15+25%CO2)
79.QP.00999	Quickpulse Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.02099	PulseDrive Welding Program - diamondspark 52 BC Ø1,2mm M21 (Ar 15+25% CO2)
79.P1.20299	PulseDrive Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.QP.20299	Quickpulse Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.20399	PulseDrive Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.QP.20399	Quickpulse Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.03199	PulseDrive Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25% CO2)
79.QP.03199	Quickpulse Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25% CO2)
79.P1.03298	PulseDrive Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25% CO2)
79.QP.03298	Quickpulse Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25% CO2)
79.P1.012	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M20 (Ar 5+15%CO2)
79.QP.012	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 0,8mm M20 (Ar 5+15%CO2)
79.P1.013	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M20 (Ar 5+15%CO2)
79.QP.013	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 1,0mm M20 (Ar 5+15%CO2)
79.P1.014	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M20 (Ar 5+15%CO2)
79.QP.014	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 1,2mm M20 (Ar 5+15%CO2)
79.P1.015	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M20 (Ar 5+15%CO2)
79.QP.015	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 1,6mm M20 (Ar 5+15%CO2)
79.P1.007	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M21 (Ar 15+25% CO2)
79.QP.007	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 0,8mm M21 (Ar 15+25%CO2)
79.P1.008	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M21 (Ar 15+25% CO2)
79.QP.008	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 1,0mm M21 (Ar 15+25%CO2)
79.P1.009	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M21 (Ar 15+25% CO2)
79.QP.009	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 1,2mm M21 (Ar 15+25%CO2)
79.P1.010	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M21 (Ar 15+25% CO2)
79.QP.010	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 1,6mm M21 (Ar 15+25%CO2)
79.P1.020	PulseDrive Welding Program - BFCW Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.022	PulseDrive Welding Program - BFCW Ø1,6mm M21 (Ar 15+25%CO2)
79.P1.024	PulseDrive Welding Program - RFCW Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.026	PulseDrive Welding Program - RFCW Ø1,6mm M21 (Ar 15+25%CO2)
79.P1.032	PulseDrive Welding Program - MFCW Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.034	PulseDrive Welding Program - MFCW Ø1,6mm M21 (Ar 15+25%CO2)

79.I1.00033 MASTER SOFTWARE 3 - UNALLOYED STEEL - ArcDrive PulsDrive

79.S1.01299	ArcDrive Welding Program - BOHLER EMK 6 Ø0,8mm M20 (Ar 5+15%CO2)
79.P1.01299	PulseDrive Welding Program - BOHLER EMK 6 Ø0,8mm M20 (Ar 5+15%CO2)
79.S1.01399	ArcDrive Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.01399	PulseDrive Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5+15%CO2)
79.S1.01499	ArcDrive Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.01499	PulseDrive Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5+15%CO2)
79.S1.00799	ArcDrive Welding Program - BOHLER EMK 6 Ø0,8mm M21 (Ar 15+25%CO2)
79.P1.00799	PulseDrive Welding Program - BOHLER EMK 6 Ø0,8mm M21 (Ar 15+25%CO2)
79.S1.00899	ArcDrive Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.00899	PulseDrive Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15+25%CO2)
79.S1.00999	ArcDrive Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.00999	PulseDrive Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15+25%CO2)
79.S1.02099	ArcDrive Welding Program - diamondspark 52 BC Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.02099	PulseDrive Welding Program - diamondspark 52 BC Ø1,2mm M21 (Ar 15+25% CO2)
79.S1.02499	ArcDrive Welding Program - diamondspark 52 RC Ø1,2mm M21 (Ar 15+25%CO2)
79.S1.02899	ArcDrive Welding Program - diamondspark 52 RC Ø1,2mm C1 (CO2)
79.S1.20299	ArcDrive Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.20299	PulseDrive Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.S1.20399	ArcDrive Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.20399	PulseDrive Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.S1.03199	ArcDrive Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.03199	PulseDrive Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25% CO2)
79.S1.03298	ArcDrive Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.03298	PulseDrive Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25% CO2)
79.S1.012	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M20 (Ar 5+15%CO2)
79.P1.012	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M20 (Ar 5+15%CO2)
79.S1.013	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.013	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M20 (Ar 5+15%CO2)
79.S1.014	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.014	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M20 (Ar 5+15%CO2)
79.S1.015	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M20 (Ar 5+15%CO2)
79.P1.015	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M20 (Ar 5+15%CO2)
79.S1.007	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M21 (Ar 15+25%CO2)
79.P1.007	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M21 (Ar 15+25% CO2)
79.S1.008	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.008	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M21 (Ar 15+25% CO2)
79.S1.009	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.009	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M21 (Ar 15+25% CO2)
79.S1.010	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M21 (Ar 15+25%CO2)
79.P1.010	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M21 (Ar 15+25% CO2)
79.S1.002	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm C1 (CO2)
79.S1.003	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm C1 (CO2)
79.S1.004	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm C1 (CO2)
79.S1.005	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm C1 (CO2)
79.S1.020	ArcDrive Welding Program - BFCW Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.020	PulseDrive Welding Program - BFCW Ø1,2mm M21 (Ar 15+25%CO2)
79.S1.022	ArcDrive Welding Program - BFCW Ø1,6mm M21 (Ar 15+25%CO2)
79.P1.022	PulseDrive Welding Program - BFCW Ø1,6mm M21 (Ar 15+25%CO2)
79.S1.024	ArcDrive Welding Program - RFCW Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.024	PulseDrive Welding Program - RFCW Ø1,2mm M21 (Ar 15+25%CO2)
79.S1.026	ArcDrive Welding Program - RFCW Ø1,6mm M21 (Ar 15+25%CO2)
79.P1.026	PulseDrive Welding Program - RFCW Ø1,6mm M21 (Ar 15+25%CO2)
79.S1.028	ArcDrive Welding Program - RFCW Ø1,2mm C1 (CO2)
79.S1.031	ArcDrive Welding Program - MFCW Ø1,0mm M21 (Ar 15+25%CO2)
79.S1.032	ArcDrive Welding Program - MFCW Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.032	PulseDrive Welding Program - MFCW Ø1,2mm M21 (Ar 15+25%CO2)
79.S1.034	ArcDrive Welding Program - MFCW Ø1,6mm M21 (Ar 15+25%CO2)
79.P1.034	PulseDrive Welding Program - MFCW Ø1,6mm M21 (Ar 15+25%CO2)
79.S1.036	ArcDrive Welding Program - MFCW Ø1,2mm C1 (CO2)
79.S1.138	ArcDrive Welding Program - MCW Ø1,2mm Self shielded

79.I1.00034 MASTER SOFTWARE 4 - HIGH ALLOYED STEEL

79.S1.05699	ArcDrive Welding Program - THERMANIT GE 316L Si Ø1,2mm M12 (Ar 0,5+5% CO2)
79.P1.05699	PulseDrive Welding Program - THERMANIT GE 316L Si Ø1,2mm M12 (Ar 0,5+5% CO2)
79.S1.26499	ArcDrive Welding Program - Thermanit A-318 Si Ø1,0mm M12 (Ar 0,5+5%CO2)
79.RD.26499	RapiDeep Welding Program - Thermanit A-318 Si Ø1,0mm M12 (Ar 0,5+5%CO2)
79.P1.26499	PulseDrive Welding Program - Thermanit A-318 Si Ø1,0mm M12 (Ar 0,5+5% CO2)
79.QP.26499	Quickpulse Welding Program - Thermanit A-318 Si Ø1,0mm M12 (Ar 0,5+5% CO2)
79.S1.26599	ArcDrive Welding Program - Thermanit A-318 Si Ø1,2mm M12 (Ar 0,5+5%CO2)
79.RD.26599	RapiDeep Welding Program - Thermanit A-318 Si Ø1,2mm M12 (Ar 0,5+5%CO2)
79.P1.26599	PulseDrive Welding Program - Thermanit A-318 Si Ø1,2mm M12 (Ar 0,5+5% CO2)
79.QP.26599	Quickpulse Welding Program - Thermanit A-318 Si Ø1,2mm M12 (Ar 0,5+5% CO2)
79.S1.14099	ArcDrive Welding Program - FOXcore 307 MC Ø1,2mm M12 (Ar 0,5+5%CO2)
79.P1.14099	PulseDrive Welding Program - FOXcore 307 MC Ø1,2mm M12 (Ar 0,5+5%CO2)
79.S1.08999	ArcDrive Welding Program - FOXcore 316 T0 Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.08999	PulseDrive Welding Program - FOXcore 316 T0 Ø1,2mm M21 (Ar 15+25%CO2)
79.S1.14299	ArcDrive Welding Program - FOXcore 316 T0 Ø1,2mm C1 (CO2)
79.S1.045	ArcDrive Welding Program - CrNi 18 8 (ER307) Ø0,8mm M12 (Ar 0,5+5%CO2)
79.P1.045	PulseDrive Welding Program - CrNi 18 8 (ER307) Ø0,8mm M12 (Ar 0,5+5%CO2)
79.S1.046	ArcDrive Welding Program - CrNi 18 8 (ER307) Ø1,0mm M12 (Ar 0,5+5%CO2)
79.P1.046	PulseDrive Welding Program - CrNi 18 8 (ER307) Ø1,0mm M12 (Ar 0,5+5%CO2)
79.S1.047	ArcDrive Welding Program - CrNi 18 8 (ER307) Ø1,2mm M12 (Ar 0,5+5%CO2)
79.P1.047	PulseDrive Welding Program - CrNi 18 8 (ER307) Ø1,2mm M12 (Ar 0,5+5%CO2)
79.P1.139	PulseDrive Welding Program - CrNi 18 8 (ER307) Ø1,0mm M21 (Ar 15+25%CO2)
79.S1.049	ArcDrive Welding Program - CrNi 19 9 (ER308) Ø0,6mm M12 (Ar 0,5+5%CO2)
79.P1.049	PulseDrive Welding Program - CrNi 19 9 (ER308) Ø0,6mm M12 (Ar 0,5+5% CO2)
79.S1.050	ArcDrive Welding Program - CrNi 19 9 (ER308) Ø0,8mm M12 (Ar 0,5+5%CO2)
79.RD.050	RapiDeep Welding Program - CrNi 19 9 (ER308) Ø0,8mm M12 (Ar 0,5+5%CO2)
79.P1.050	PulseDrive Welding Program - CrNi 19 9 (ER308) Ø0,8mm M12 (Ar 0,5+5% CO2)
79.QP.050	Quickpulse Welding Program - CrNi 19 9 (ER308) 0,8mm M12 (Ar 0,5+5%CO2)
79.S1.051	ArcDrive Welding Program - CrNi 19 9 (ER308) Ø1,0mm M12 (Ar 0,5+5%CO2)
79.RD.051	RapiDeep Welding Program - CrNi 19 9 (ER308) Ø1,0mm M12 (Ar 0,5+5%CO2)
79.P1.051	PulseDrive Welding Program - CrNi 19 9 (ER308) Ø1,0mm M12 (Ar 0,5+5% CO2)
79.QP.051	Quickpulse Welding Program - CrNi 19 9 (ER308) Ø1,0mm M12 (Ar 0,5+5% CO2)
79.S1.052	ArcDrive Welding Program - CrNi 19 9 (ER308) Ø1,2mm M12 (Ar 0,5+5%CO2)
79.RD.052	RapiDeep Welding Program - CrNi 19 9 (ER308L) Ø1,2mm M12 (Ar 0,5+5%CO2)
79.P1.052	PulseDrive Welding Program - CrNi 19 9 (ER308) Ø1,2mm M12 (Ar 0,5+5% CO2)
79.QP.052	Quickpulse Welding Program - CrNi 19 9 (ER308) Ø1,2mm M12 (Ar 0,5+5% CO2)
79.S1.053	ArcDrive Welding Program - CrNi 19 9 (ER308) Ø1,6mm M12 (Ar 0,5+5%CO2)
79.RD.053	RapiDeep Welding Program - CrNi 19 9 (ER308) Ø1,6mm M12 (Ar 0,5+5%CO2)
79.P1.053	PulseDrive Welding Program - CrNi 19 9 (ER308) Ø1,6mm M12 (Ar 0,5+5% CO2)
79.QP.053	Quickpulse Welding Program - CrNi 19 9 (ER308) Ø1,6mm M12 (Ar 0,5+5% CO2)
79.S1.054	ArcDrive Welding Program - CrNi 19 12 3 (ER316) Ø0,8mm M12 (Ar 0,5+5% CO2)
79.P1.054	PulseDrive Welding Program - CrNi 19 12 3 (ER316) Ø0,8mm M12 (Ar 0,5+5% CO2)
79.S1.055	ArcDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,0mm M12 (Ar 0,5+5% CO2)
79.P1.055	PulseDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,0mm M12 (Ar 0,5+5% CO2)
79.S1.056	ArcDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,2mm M12 (Ar 0,5+5% CO2)
79.P1.056	PulseDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,2mm M12 (Ar 0,5+5% CO2)
79.S1.057	ArcDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,6mm M12 (Ar 0,5+5% CO2)
79.P1.057	PulseDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,6mm M12 (Ar 0,5+5% CO2)
79.S1.067	ArcDrive Welding Program - CrNi 23 12 (ER309) Ø1,0mm M12 (Ar 0,5+5%CO2)
79.P1.067	PulseDrive Welding Program - CrNi 23 12 (ER309) Ø1,0mm M12 (Ar 0,5+5% CO2)
79.S1.068	ArcDrive Welding Program - CrNi 23 12 (ER309) Ø1,2mm M12 (Ar 0,5+5%CO2)
79.P1.068	PulseDrive Welding Program - CrNi 23 12 (ER309) Ø1,2mm M12 (Ar 0,5+5% CO2)
79.S1.074	ArcDrive Welding Program - CrNi 25 20 (ER310) Ø0,8mm M12 (Ar 0,5+5%CO2)
79.P1.074	PulseDrive Welding Program - CrNi 25 20 (ER310) Ø0,8mm M12 (Ar 0,5+5% CO2)
79.S1.075	ArcDrive Welding Program - CrNi 25 20 (ER310) Ø1,0mm M12 (Ar 0,5+5%CO2)
79.P1.075	PulseDrive Welding Program - CrNi 25 20 (ER310) Ø1,0mm M12 (Ar 0,5+5% CO2)
79.S1.076	ArcDrive Welding Program - CrNi 25 20 (ER310) Ø1,2mm M12 (Ar 0,5+5%CO2)
79.P1.076	PulseDrive Welding Program - CrNi 25 20 (ER310) Ø1,2mm M12 (Ar 0,5+5% CO2)
79.S1.085	ArcDrive Welding Program - CrNi 19 9 FCW (E308) Ø0,9mm M21 (Ar 15+25% CO2)
79.S1.086	ArcDrive Welding Program - CrNi 19 9 FCW (E308) Ø1,2mm M21 (Ar 15+25% CO2)
79.P1.086	PulseDrive Welding Program - CrNi 19 9 FCW (E308) Ø1,2mm M21 (Ar 15+25% CO2)
79.S1.087	ArcDrive Welding Program - CrNi 19 9 FCW (E308) Ø1,6mm M21 (Ar 15+25% CO2)
79.P1.087	PulseDrive Welding Program - CrNi 19 9 FCW (E308) Ø1,6mm M21 (Ar 15+25% CO2)
79.S1.089	ArcDrive Welding Program - CrNi 19 12 3 FCW (E316) Ø1,2mm M21 (Ar 15+25% CO2)

79.I1.00035 MASTER SOFTWARE 5 - ALUMINUM AND COPPER ALLOY

79.S1.10799	ArcDrive Welding Program - Union AlMg5 Ø1,0mm I1 (Ar)
79.P1.10799	PulseDrive Welding Program - Union AlMg5 Ø1,0mm I1 (Ar)
79.S1.10899	ArcDrive Welding Program - Union AlMg5 Ø1,2mm I1 (Ar)
79.P1.10899	PulseDrive Welding Program - Union AlMg5 Ø1,2mm I1 (Ar)
79.S1.10999	ArcDrive Welding Program - Union AlMg5 Ø1,6mm I1 (Ar)
79.P1.10999	PulseDrive Welding Program - Union AlMg5 Ø1,6mm I1 (Ar)
79.S1.106	ArcDrive Welding Program - AlMg5 (ER5356) Ø0,8mm I1 (Ar)
79.P1.106	PulseDrive Welding Program - AlMg5 (ER5356) Ø0,8mm I1 (Ar)
79.S1.107	ArcDrive Welding Program - AlMg5 (ER5356) Ø1,0mm I1 (Ar)
79.P1.107	PulseDrive Welding Program - AlMg5 (ER5356) Ø1,0mm I1 (Ar)
79.S1.108	ArcDrive Welding Program - AlMg5 (ER5356) Ø1,2mm I1 (Ar)
79.RD.108	RapiDeep Welding Program - AlMg5 (ER5356) Ø1,2mm I1 (Ar)
79.P1.108	PulseDrive Welding Program - AlMg5 (ER5356) Ø1,2mm I1 (Ar)
79.QP.108	Quickpulse Welding Program - AlMg5 (ER5356) Ø1,2mm I1 (Ar)
79.S1.109	ArcDrive Welding Program - AlMg5 (ER5356) Ø1,6mm I1 (Ar)
79.RD.109	RapiDeep Welding Program - AlMg5 (ER5356) Ø1,6mm I1 (Ar)
79.P1.109	PulseDrive Welding Program - AlMg5 (ER5356) Ø1,6mm I1 (Ar)
79.QP.109	Quickpulse Welding Program - AlMg5 (ER5356) Ø1,6mm I1 (Ar)
79.S1.110	ArcDrive Welding Program - AISi5 (ER4043) Ø0,8mm I1 (Ar)
79.P1.110	PulseDrive Welding Program - AISi5 (ER4043) Ø0,8mm I1 (Ar)
79.S1.111	ArcDrive Welding Program - AISi5 (ER4043) Ø1,0mm I1 (Ar)
79.P1.111	PulseDrive Welding Program - AISi5 (ER4043) Ø1,0mm I1 (Ar)
79.S1.112	ArcDrive Welding Program - AISi5 (ER4043) Ø1,2mm I1 (Ar)
79.RD.112	RapiDeep Welding Program - AISi5 (ER4043) Ø1,2mm I1 (Ar)
79.P1.112	PulseDrive Welding Program - AISi5 (ER4043) Ø1,2mm I1 (Ar)
79.QP.112	Quickpulse Welding Program - AISi5 (ER4043) Ø1,2mm I1 (Ar)
79.S1.113	ArcDrive Welding Program - AISi5 (ER4043) Ø1,6mm I1 (Ar)
79.RD.113	RapiDeep Welding Program - AISi5 (ER4043) Ø1,6mm I1 (Ar)
79.P1.113	PulseDrive Welding Program - AISi5 (ER4043) Ø1,6mm I1 (Ar)
79.QP.113	Quickpulse Welding Program - AISi5 (ER4043) Ø1,6mm I1 (Ar)
79.S1.114	ArcDrive Welding Program - Al99,5 (ER1050) Ø0,8mm I1 (Ar)
79.P1.114	PulseDrive Welding Program - Al99,5 (ER1050) Ø0,8mm I1 (Ar)
79.S1.115	ArcDrive Welding Program - Al99,5 (ER1050) Ø1,0mm I1 (Ar)
79.P1.115	PulseDrive Welding Program - Al99,5 (ER1050) Ø1,0mm I1 (Ar)
79.S1.116	ArcDrive Welding Program - Al99,5 (ER1050) Ø1,2mm I1 (Ar)
79.RD.116	RapiDeep Welding Program - Al99,5 (ER1050) Ø1,2mm I1 (Ar)
79.P1.116	PulseDrive Welding Program - Al99,5 (ER1050) Ø1,2mm I1 (Ar)
79.QP.116	Quickpulse Welding Program - Al99,5 (ER1050) Ø1,2mm I1 (Ar)
79.S1.117	ArcDrive Welding Program - Al99,5 (ER1050) Ø1,6mm I1 (Ar)
79.RD.117	RapiDeep Welding Program - Al99,5 (ER1050) Ø1,6mm I1 (Ar)
79.P1.117	PulseDrive Welding Program - Al99,5 (ER1050) Ø1,6mm I1 (Ar)
79.QP.117	Quickpulse Welding Program - Al99,5 (ER1050) Ø1,6mm I1 (Ar)
79.S1.094	ArcDrive Welding Program - CuAl8 (ERCuAl) Ø0,8mm I1 (Ar)
79.P1.094	PulseDrive Welding Program - CuAl8 (ERCuAl) Ø0,8mm I1 (Ar)
79.S1.095	ArcDrive Welding Program - CuAl8 (ERCuAl) Ø1,0mm I1 (Ar)
79.P1.095	PulseDrive Welding Program - CuAl8 (ERCuAl) Ø1,0mm I1 (Ar)
79.S1.096	ArcDrive Welding Program - CuAl8 (ERCuAl) Ø1,2mm I1 (Ar)
79.P1.096	PulseDrive Welding Program - CuAl8 (ERCuAl) Ø1,2mm I1 (Ar)
79.S1.097	ArcDrive Welding Program - CuAl8 (ERCuAl) Ø1,6mm I1 (Ar)
79.P1.097	PulseDrive Welding Program - CuAl8 (ERCuAl) Ø1,6mm I1 (Ar)
79.S1.098	ArcDrive Welding Program - CuSi3 (ERCuSi) Ø0,8mm I1 (Ar)
79.P1.098	PulseDrive Welding Program - CuSi3 (ERCuSi) Ø0,8mm I1 (Ar)
79.S1.099	ArcDrive Welding Program - CuSi3 (ERCuSi) Ø1,0mm I1 (Ar)
79.P1.099	PulseDrive Welding Program - CuSi3 (ERCuSi) Ø1,0mm I1 (Ar)
79.S1.100	ArcDrive Welding Program - CuSi3 (ERCuSi) Ø1,2mm I1 (Ar)
79.P1.100	PulseDrive Welding Program - CuSi3 (ERCuSi) Ø1,2mm I1 (Ar)

79.I1.00036 MASTER SOFTWARE 6 - UNIVERSAL APPLICATIONS

79.S1.23199	ArcDrive Welding Program - BOHLER EMK 8 Ø0,8mm M21 (Ar 15+25%CO2)
79.S1.23299	ArcDrive Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15+25%CO2)
79.S1.23399	ArcDrive Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15+25%CO2)
79.RD.23199	RapiDeep Welding Program - BOHLER EMK 8 Ø0,8mm M21 (Ar 15+25%CO2)
79.RD.23299	RapiDeep Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.23399	RapiDeep Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.23199	PulseDrive Welding Program - BOHLER EMK 8 Ø0,8mm M21 (Ar 15+25%CO2)
79.P1.23299	PulseDrive Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.23399	PulseDrive Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15+25%CO2)
79.S1.007	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M21 (Ar 15+25%CO2)
79.S1.008	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M21 (Ar 15+25%CO2)
79.S1.009	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M21 (Ar 15+25%CO2)
79.S1.010	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M21 (Ar 15+25%CO2)
79.P1.007	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M21 (Ar 15+25% CO2)
79.P1.008	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M21 (Ar 15+25% CO2)
79.P1.009	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M21 (Ar 15+25% CO2)
79.P1.010	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M21 (Ar 15+25% CO2)
79.S1.02499	ArcDrive Welding Program - diamondspark 52 RC Ø1,2mm M21 (Ar 15+25%CO2)
79.S1.03199	ArcDrive Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25%CO2)
79.S1.03298	ArcDrive Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25%CO2)
79.RD.03199	RapiDeep Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.03298	RapiDeep Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.050	PulseDrive Welding Program - CrNi 19 9 (ER308) Ø0,8mm M12 (Ar 0,5+5% CO2)
79.P1.051	PulseDrive Welding Program - CrNi 19 9 (ER308) Ø1,0mm M12 (Ar 0,5+5% CO2)
79.P1.052	PulseDrive Welding Program - CrNi 19 9 (ER308) Ø1,2mm M12 (Ar 0,5+5% CO2)
79.P1.053	PulseDrive Welding Program - CrNi 19 9 (ER308) Ø1,6mm M12 (Ar 0,5+5% CO2)
79.P1.054	PulseDrive Welding Program - CrNi 19 12 3 (ER316) Ø0,8mm M12 (Ar 0,5+5% CO2)
79.P1.055	PulseDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,0mm M12 (Ar 0,5+5% CO2)
79.P1.056	PulseDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,2mm M12 (Ar 0,5+5% CO2)
79.P1.057	PulseDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,6mm M12 (Ar 0,5+5% CO2)
79.S1.08999	ArcDrive Welding Program - FOXcore 316 T0 Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.10799	PulseDrive Welding Program - Union AlMg5 Ø1,0mm I1 (Ar)
79.P1.10899	PulseDrive Welding Program - Union AlMg5 Ø1,2mm I1 (Ar)
79.P1.10999	PulseDrive Welding Program - Union AlMg5 Ø1,6mm I1 (Ar)
79.P1.107	PulseDrive Welding Program - AlMg5 (ER5356) Ø1,0mm I1 (Ar)
79.P1.108	PulseDrive Welding Program - AlMg5 (ER5356) Ø1,2mm I1 (Ar)
79.P1.109	PulseDrive Welding Program - AlMg5 (ER5356) Ø1,6mm I1 (Ar)

79.I1.00038 MASTER SOFTWARE - TERRA NX SMC/MSE - INCLUDED

79.S1.002	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm C1 (CO2)
79.S1.003	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm C1 (CO2)
79.S1.004	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm C1 (CO2)
79.S1.005	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm C1 (CO2)
79.S1.007	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M21 (Ar 15+25%CO2)
79.RD.007	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M21 (Ar 15+25%CO2)
79.S1.008	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.008	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M21 (Ar 15+25%CO2)
79.S1.009	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M21 (Ar 15+25%CO2)
79.RD.009	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M21 (Ar 15+25%CO2)
79.S1.010	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M21 (Ar 15+25%CO2)
79.RD.010	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M21 (Ar 15+25%CO2)
79.S1.012	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M20 (Ar 5+15%CO2)
79.RD.012	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M20 (Ar 5+15%CO2)
79.S1.013	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M20 (Ar 5+15%CO2)
79.RD.013	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M20 (Ar 5+15%CO2)
79.S1.014	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M20 (Ar 5+15%CO2)
79.RD.014	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M20 (Ar 5+15%CO2)
79.S1.015	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M20 (Ar 5+15%CO2)
79.RD.015	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M20 (Ar 5+15%CO2)
79.S1.23199	ArcDrive Welding Program - BOHLER EMK 8 Ø0,8mm M21 (Ar 15+25%CO2)
79.RD.23199	RapiDeep Welding Program - BOHLER EMK 8 Ø0,8mm M21 (Ar 15+25%CO2)
79.S1.23299	ArcDrive Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.23299	RapiDeep Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15+25%CO2)
79.S1.23399	ArcDrive Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15+25%CO2)
79.RD.23399	RapiDeep Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15+25%CO2)
79.S1.23599	ArcDrive Welding Program - BOHLER EMK 8 Ø0,8mm M20 (Ar 5+15%CO2)
79.RD.23599	RapiDeep Welding Program - BOHLER EMK 8 Ø0,8mm M20 (Ar 5+15%CO2)
79.S1.23699	ArcDrive Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5+15%CO2)
79.RD.23699	RapiDeep Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5+15%CO2)
79.S1.23799	ArcDrive Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5+15%CO2)
79.RD.23799	RapiDeep Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5+15%CO2)
79.S1.02499	ArcDrive Welding Program - diamondspark 52 RC Ø1,2mm M21 (Ar 15+25%CO2)
79.S1.03199	ArcDrive Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.03199	RapiDeep Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25%CO2)
79.S1.03298	ArcDrive Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25%CO2)
79.RD.03298	RapiDeep Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25%CO2)
79.S1.20299	ArcDrive Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.RD.20299	RapiDeep Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.S1.20399	ArcDrive Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.RD.20399	RapiDeep Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.S1.050	ArcDrive Welding Program - CrNi 19 9 (ER308) Ø0,8mm M12 (Ar 0,5+5%CO2)
79.S1.051	ArcDrive Welding Program - CrNi 19 9 (ER308) Ø1,0mm M12 (Ar 0,5+5%CO2)
79.S1.052	ArcDrive Welding Program - CrNi 19 9 (ER308) Ø1,2mm M12 (Ar 0,5+5%CO2)
79.S1.053	ArcDrive Welding Program - CrNi 19 9 (ER308) Ø1,6mm M12 (Ar 0,5+5%CO2)
79.S1.054	ArcDrive Welding Program - CrNi 19 12 3 (ER316) Ø0,8mm M12 (Ar 0,5+5% CO2)
79.S1.055	ArcDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,0mm M12 (Ar 0,5+5% CO2)
79.S1.056	ArcDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,2mm M12 (Ar 0,5+5% CO2)
79.S1.057	ArcDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,6mm M12 (Ar 0,5+5% CO2)
79.S1.10799	ArcDrive Welding Program - Union AlMg5 Ø1,0mm I1 (Ar)
79.S1.10899	ArcDrive Welding Program - Union AlMg5 Ø1,2mm I1 (Ar)
79.S1.10999	ArcDrive Welding Program - Union AlMg5 Ø1,6mm I1 (Ar)

79.I1.00039 MASTER SOFTWARE - TERRA NX PMC/PME - INCLUDED

79.S1.002	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm C1 (CO2)
79.S1.003	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm C1 (CO2)
79.S1.004	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm C1 (CO2)
79.S1.005	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm C1 (CO2)
79.S1.007	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M21 (Ar 15+25%CO2)
79.RD.007	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M21 (Ar 15+25%CO2)
79.P1.007	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M21 (Ar 15+25% CO2)
79.QP.007	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 0,8mm M21 (Ar 15+25%CO2)
79.S1.008	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.008	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.008	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M21 (Ar 15+25% CO2)
79.QP.008	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 1,0mm M21 (Ar 15+25%CO2)
79.S1.009	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M21 (Ar 15+25%CO2)
79.RD.009	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.009	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M21 (Ar 15+25% CO2)
79.QP.009	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 1,2mm M21 (Ar 15+25%CO2)
79.S1.010	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M21 (Ar 15+25%CO2)
79.RD.010	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M21 (Ar 15+25%CO2)
79.P1.010	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M21 (Ar 15+25% CO2)
79.QP.010	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 1,6mm M21 (Ar 15+25%CO2)
79.S1.012	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M20 (Ar 5+15%CO2)
79.RD.012	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M20 (Ar 5+15%CO2)
79.P1.012	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M20 (Ar 5+15%CO2)
79.QP.012	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 0,8mm M20 (Ar 5+15%CO2)
79.S1.013	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M20 (Ar 5+15%CO2)
79.RD.013	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.013	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M20 (Ar 5+15%CO2)
79.QP.013	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 1,0mm M20 (Ar 5+15%CO2)
79.S1.014	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M20 (Ar 5+15%CO2)
79.RD.014	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.014	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M20 (Ar 5+15%CO2)
79.QP.014	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 1,2mm M20 (Ar 5+15%CO2)
79.S1.015	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M20 (Ar 5+15%CO2)
79.RD.015	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M20 (Ar 5+15%CO2)
79.P1.015	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M20 (Ar 5+15%CO2)
79.QP.015	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 1,6mm M20 (Ar 5+15%CO2)
79.S1.23199	ArcDrive Welding Program - BOHLER EMK 8 Ø0,8mm M21 (Ar 15+25%CO2)
79.RD.23199	RapiDeep Welding Program - BOHLER EMK 8 Ø0,8mm M21 (Ar 15+25%CO2)
79.P1.23199	PulseDrive Welding Program - BOHLER EMK 8 Ø0,8mm M21 (Ar 15+25%CO2)
79.QP.23199	Quickpulse Welding Program - BOHLER EMK 8 Ø0,8mm M21 (Ar 15+25%CO2)
79.S1.23299	ArcDrive Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.23299	RapiDeep Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.23299	PulseDrive Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15+25%CO2)
79.QP.23299	Quickpulse Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15+25%CO2)
79.S1.23399	ArcDrive Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15+25%CO2)
79.RD.23399	RapiDeep Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.23399	PulseDrive Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15+25%CO2)
79.QP.23399	Quickpulse Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15+25%CO2)
79.S1.23599	ArcDrive Welding Program - BOHLER EMK 8 Ø0,8mm M20 (Ar 5+15%CO2)
79.RD.23599	RapiDeep Welding Program - BOHLER EMK 8 Ø0,8mm M20 (Ar 5+15%CO2)
79.P1.23599	PulseDrive Welding Program - BOHLER EMK 8 Ø0,8mm M20 (Ar 5+15%CO2)
79.QP.23599	Quickpulse Welding Program - BOHLER EMK 8 Ø0,8mm M20 (Ar 5+15%CO2)
79.S1.23699	ArcDrive Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5+15%CO2)
79.RD.23699	RapiDeep Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.23699	PulseDrive Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5+15%CO2)
79.QP.23699	Quickpulse Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5+15%CO2)
79.S1.23799	ArcDrive Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5+15%CO2)
79.RD.23799	RapiDeep Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.23799	PulseDrive Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5+15%CO2)
79.QP.23799	Quickpulse Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5+15%CO2)
79.S1.02499	ArcDrive Welding Program - diamondspark 52 RC Ø1,2mm M21 (Ar 15+25%CO2)

79.S1.03199	ArcDrive Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.03199	RapiDeep Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.03199	PulseDrive Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25% CO2)
79.QP.03199	Quickpulse Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25% CO2)
79.S1.03298	ArcDrive Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25%CO2)
79.RD.03298	RapiDeep Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.03298	PulseDrive Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25% CO2)
79.QP.03298	Quickpulse Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25% CO2)
79.S1.20299	ArcDrive Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.RD.20299	RapiDeep Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.20299	PulseDrive Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.QP.20299	Quickpulse Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.S1.20399	ArcDrive Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.RD.20399	RapiDeep Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.20399	PulseDrive Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.QP.20399	Quickpulse Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.050	PulseDrive Welding Program - CrNi 19 9 (ER308) Ø0,8mm M12 (Ar 0,5+5% CO2)
79.P1.051	PulseDrive Welding Program - CrNi 19 9 (ER308) Ø1,0mm M12 (Ar 0,5+5% CO2)
79.P1.052	PulseDrive Welding Program - CrNi 19 9 (ER308) Ø1,2mm M12 (Ar 0,5+5% CO2)
79.P1.053	PulseDrive Welding Program - CrNi 19 9 (ER308) Ø1,6mm M12 (Ar 0,5+5% CO2)
79.P1.054	PulseDrive Welding Program - CrNi 19 12 3 (ER316) Ø0,8mm M12 (Ar 0,5+5% CO2)
79.P1.055	PulseDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,0mm M12 (Ar 0,5+5% CO2)
79.P1.056	PulseDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,2mm M12 (Ar 0,5+5% CO2)
79.P1.057	PulseDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,6mm M12 (Ar 0,5+5% CO2)
79.P1.10799	PulseDrive Welding Program - Union AlMg5 Ø1,0mm I1 (Ar)
79.P1.10899	PulseDrive Welding Program - Union AlMg5 Ø1,2mm I1 (Ar)
79.P1.10999	PulseDrive Welding Program - Union AlMg5 Ø1,6mm I1 (Ar)

79.I1.00040 MASTER SOFTWARE - URANOS NX 2200/2700 PMC/MTE - INCLUDED

79.S1.007	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M21 (Ar 15+25%CO2)
79.P1.007	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M21 (Ar 15+25% CO2)
79.S1.008	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.008	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M21 (Ar 15+25% CO2)
79.S1.009	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.009	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M21 (Ar 15+25% CO2)
79.S1.23199	ArcDrive Welding Program - BOHLER EMK 8 Ø0,8mm M21 (Ar 15+25%CO2)
79.RD.23199	RapiDeep Welding Program - BOHLER EMK 8 Ø0,8mm M21 (Ar 15+25%CO2)
79.P1.23199	PulseDrive Welding Program - BOHLER EMK 8 Ø0,8mm M21 (Ar 15+25%CO2)
79.QP.23199	Quickpulse Welding Program - BOHLER EMK 8 Ø0,8mm M21 (Ar 15+25%CO2)
79.S1.23299	ArcDrive Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.23299	RapiDeep Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.23299	PulseDrive Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15+25%CO2)
79.QP.23299	Quickpulse Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15+25%CO2)
79.S1.23399	ArcDrive Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15+25%CO2)
79.RD.23399	RapiDeep Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.23399	PulseDrive Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15+25%CO2)
79.QP.23399	Quickpulse Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15+25%CO2)
79.S1.024	ArcDrive Welding Program - RFCW Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.024	PulseDrive Welding Program - RFCW Ø1,2mm M21 (Ar 15+25%CO2)
79.S1.032	ArcDrive Welding Program - MFCW Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.032	PulseDrive Welding Program - MFCW Ø1,2mm M21 (Ar 15+25%CO2)
79.S1.02499	ArcDrive Welding Program - diamondspark 52 RC Ø1,2mm M21 (Ar 15+25%CO2)
79.S1.03199	ArcDrive Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.03199	RapiDeep Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.03199	PulseDrive Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25% CO2)
79.QP.03199	Quickpulse Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25% CO2)
79.S1.03298	ArcDrive Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25%CO2)
79.RD.03298	RapiDeep Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.03298	PulseDrive Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25% CO2)
79.QP.03298	Quickpulse Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25% CO2)
79.S1.050	ArcDrive Welding Program - CrNi 19 9 (ER308) Ø0,8mm M12 (Ar 0,5+5%CO2)
79.P1.050	PulseDrive Welding Program - CrNi 19 9 (ER308) Ø0,8mm M12 (Ar 0,5+5% CO2)
79.S1.051	ArcDrive Welding Program - CrNi 19 9 (ER308) Ø1,0mm M12 (Ar 0,5+5%CO2)
79.P1.051	PulseDrive Welding Program - CrNi 19 9 (ER308) Ø1,0mm M12 (Ar 0,5+5% CO2)
79.S1.052	ArcDrive Welding Program - CrNi 19 9 (ER308) Ø1,2mm M12 (Ar 0,5+5%CO2)
79.P1.052	PulseDrive Welding Program - CrNi 19 9 (ER308) Ø1,2mm M12 (Ar 0,5+5% CO2)
79.S1.054	ArcDrive Welding Program - CrNi 19 12 3 (ER316) Ø0,8mm M12 (Ar 0,5+5% CO2)
79.P1.054	PulseDrive Welding Program - CrNi 19 12 3 (ER316) Ø0,8mm M12 (Ar 0,5+5% CO2)
79.S1.055	ArcDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,0mm M12 (Ar 0,5+5% CO2)
79.P1.055	PulseDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,0mm M12 (Ar 0,5+5% CO2)
79.S1.056	ArcDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,2mm M12 (Ar 0,5+5% CO2)
79.P1.056	PulseDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,2mm M12 (Ar 0,5+5% CO2)
79.S1.086	ArcDrive Welding Program - CrNi 19 9 FCW (E308) Ø1,2mm M21 (Ar 15+25% CO2)
79.P1.086	PulseDrive Welding Program - CrNi 19 9 FCW (E308) Ø1,2mm M21 (Ar 15+25% CO2)
79.S1.089	ArcDrive Welding Program - CrNi 19 12 3 FCW (E316) Ø1,2mm M21 (Ar 15+25% CO2)
79.S1.08999	ArcDrive Welding Program - FOXcore 316 T0 Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.08999	PulseDrive Welding Program - FOXcore 316 T0 Ø1,2mm M21 (Ar 15+25%CO2)
79.S1.098	ArcDrive Welding Program - CuSi3 (ERCuSi) Ø0,8mm I1 (Ar)
79.P1.098	PulseDrive Welding Program - CuSi3 (ERCuSi) Ø0,8mm I1 (Ar)
79.S1.099	ArcDrive Welding Program - CuSi3 (ERCuSi) Ø1,0mm I1 (Ar)
79.P1.099	PulseDrive Welding Program - CuSi3 (ERCuSi) Ø1,0mm I1 (Ar)
79.S1.100	ArcDrive Welding Program - CuSi3 (ERCuSi) Ø1,2mm I1 (Ar)
79.P1.100	PulseDrive Welding Program - CuSi3 (ERCuSi) Ø1,2mm I1 (Ar)
79.S1.10799	ArcDrive Welding Program - Union AlMg5 Ø1,0mm I1 (Ar)
79.P1.10799	PulseDrive Welding Program - Union AlMg5 Ø1,0mm I1 (Ar)
79.S1.10899	ArcDrive Welding Program - Union AlMg5 Ø1,2mm I1 (Ar)
79.P1.10899	PulseDrive Welding Program - Union AlMg5 Ø1,2mm I1 (Ar)

Unalloyed steel

Bohler-Arc

79.I2.00130	Welding Programs Package - ECOspark M21 (Ar 15+25%CO2) - ArcDrive
79.S1.27499	ArcDrive Welding Program - ECOspark Ø0,8mm M21 (Ar 15+25%CO2)
79.S1.27599	ArcDrive Welding Program - ECOspark Ø1,0mm M21 (Ar 15+25%CO2)
79.S1.27699	ArcDrive Welding Program - ECOspark Ø1,2mm M21 (Ar 15+25%CO2)
79.I2.00131	Welding Programs Package - ECOspark M21 (Ar 15+25%CO2) - RapiDeep
79.RD.27499	RapiDeep Welding Program - ECOspark Ø0,8mm M21 (Ar 15+25%CO2)
79.RD.27599	RapiDeep Welding Program - ECOspark Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.27699	RapiDeep Welding Program - ECOspark Ø1,2mm M21 (Ar 15+25%CO2)
79.I2.00132	Welding Programs Package - ECOspark M21 (Ar 15+25%CO2) - PulsDrive
79.P1.27499	PulsDrive Welding Program - ECOspark Ø0,8mm M21 (Ar 15+25%CO2)
79.P1.27599	PulsDrive Welding Program - ECOspark Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.27699	PulsDrive Welding Program - ECOspark 420 Ø1,2mm M21 (Ar 15+25%CO2)
79.I2.00133	Welding Programs Package - ECOspark M21 (Ar 15+25%CO2) - QuickPulse
79.QP.27499	QuickPulse Welding Program - ECOspark Ø0,8mm M21 (Ar 15+25%CO2)
79.QP.27599	QuickPulse Welding Program - ECOspark Ø1,0mm M21 (Ar 15+25%CO2)
79.QP.27699	QuickPulse Welding Program - ECOspark Ø1,2mm M21 (Ar 15+25%CO2)
79.I2.00134	Welding Programs Package - ECOspark M20 (Ar 5+15%CO2) - ArcDrive
79.S1.27799	ArcDrive Welding Program - ECOspark Ø0,8mm M20 (Ar 5+15%CO2)
79.S1.27899	ArcDrive Welding Program - ECOspark Ø1,0mm M20 (Ar 5+15%CO2)
79.S1.27999	ArcDrive Welding Program - ECOspark Ø1,2mm M20 (Ar 5+15%CO2)
79.I2.00135	Welding Programs Package - ECOspark M20 (Ar 5+15%CO2) - RapiDeep
79.RD.27799	RapiDeep Welding Program - ECOspark Ø0,8mm M20 (Ar 5+15%CO2)
79.RD.27899	RapiDeep Welding Program - ECOspark Ø1,0mm M20 (Ar 5+15%CO2)
79.RD.27999	RapiDeep Welding Program - ECOspark Ø1,2mm M20 (Ar 5+15%CO2)
79.I2.00136	Welding Programs Package - ECOspark M20 (Ar 5+15%CO2) - PulsDrive
79.P1.27799	PulsDrive Welding Program - ECOspark Ø0,8mm M20 (Ar 5+15%CO2)
79.P1.27899	PulsDrive Welding Program - ECOspark Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.27999	PulsDrive Welding Program - ECOspark Ø1,2mm M20 (Ar 5+15%CO2)
79.I2.00137	Welding Programs Package - ECOspark M20 (Ar 5+15%CO2) - QuickPulse
79.QP.27799	QuickPulse Welding Program - ECOspark Ø0,8mm M20 (Ar 5+15%CO2)
79.QP.27899	QuickPulse Welding Program - ECOspark Ø1,0mm M20 (Ar 5+15%CO2)
79.QP.27999	QuickPulse Welding Program - ECOspark Ø1,2mm M20 (Ar 5+15%CO2)
79.I2.00040	Welding Programs Package - BOHLER EMK 6 M20 (Ar 5+15%CO2) - ArcDrive
79.S1.01299	ArcDrive Welding Program - BOHLER EMK 6 Ø0,8mm M20 (Ar 5+15%CO2)
79.S1.01399	ArcDrive Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5+15%CO2)
79.S1.01499	ArcDrive Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5+15%CO2)
79.I2.00041	Welding Programs Package - BOHLER EMK 6 M20 (Ar 5+15%CO2) - RapiDeep
79.RD.01299	RapiDeep Welding Program - BOHLER EMK 6 Ø0,8mm M20 (Ar 5+15%CO2)
79.RD.01399	RapiDeep Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5+15%CO2)
79.RD.01499	RapiDeep Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5+15%CO2)
79.I2.00042	Welding Programs Package - BOHLER EMK 6 M20 (Ar 5+15%CO2) - PulsDrive
79.P1.01299	PulsDrive Welding Program - BOHLER EMK 6 Ø0,8mm M20 (Ar 5+15%CO2)
79.P1.01399	PulsDrive Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.01499	PulsDrive Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5+15%CO2)
79.I2.00043	Welding Programs Package - BOHLER EMK 6 M20 (Ar 5+15%CO2) - QuickPulse
79.QP.01299	Quickpulse Welding Program - BOHLER EMK 6 Ø0,8mm M20 (Ar 5+15%CO2)
79.QP.01399	Quickpulse Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5+15%CO2)
79.QP.01499	Quickpulse Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5+15%CO2)
79.I2.00044	Welding Programs Package - BOHLER EMK 6 M21 (Ar 15+25%CO2) - ArcDrive
79.S1.00799	ArcDrive Welding Program - BOHLER EMK 6 Ø0,8mm M21 (Ar 15+25%CO2)
79.S1.00899	ArcDrive Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15+25%CO2)
79.S1.00999	ArcDrive Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15+25%CO2)
79.I2.00045	Welding Programs Package - BOHLER EMK 6 M21 (Ar 15+25%CO2) - RapiDeep
79.RD.00799	RapiDeep Welding Program - BOHLER EMK 6 Ø0,8mm M21 (Ar 15+25%CO2)
79.RD.00899	RapiDeep Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.00999	RapiDeep Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15+25%CO2)

79.I2.00046	Welding Programs Package - BOHLER EMK 6 M21 (Ar 15÷25%CO2) - PulsDrive
79.P1.00799	PulseDrive Welding Program - BOHLER EMK 6 Ø0,8mm M21 (Ar 15÷25%CO2)
79.P1.00899	PulseDrive Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15÷25%CO2)
79.P1.00999	PulseDrive Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15÷25%CO2)
79.I2.00047	Welding Programs Package - BOHLER EMK 6 M21 (Ar 15÷25%CO2) - QuickPulse
79.QP.00799	Quickpulse Welding Program - BOHLER EMK 6 Ø0,8mm M21 (Ar 15÷25%CO2)
79.QP.00899	Quickpulse Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15÷25%CO2)
79.QP.00999	Quickpulse Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15÷25%CO2)
79.I2.00048	Welding Programs Package - BOHLER EMK 8 M20 (Ar 5÷15%CO2) - ArcDrive
79.S1.23599	ArcDrive Welding Program - BOHLER EMK 8 Ø0,8mm M20 (Ar 5÷15%CO2)
79.S1.23699	ArcDrive Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5÷15%CO2)
79.S1.23799	ArcDrive Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5÷15%CO2)
79.I2.00049	Welding Programs Package - BOHLER EMK 8 M20 (Ar 5÷15%CO2) - RapiDeep
79.RD.23599	RapiDeep Welding Program - BOHLER EMK 8 Ø0,8mm M20 (Ar 5÷15%CO2)
79.RD.23699	RapiDeep Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5÷15%CO2)
79.RD.23799	RapiDeep Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5÷15%CO2)
79.I2.00050	Welding Programs Package - BOHLER EMK 8 M20 (Ar 5÷15%CO2) - PulsDrive
79.P1.23599	PulseDrive Welding Program - BOHLER EMK 8 Ø0,8mm M20 (Ar 5÷15%CO2)
79.P1.23699	PulseDrive Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5÷15%CO2)
79.P1.23799	PulseDrive Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5÷15%CO2)
79.I2.00051	Welding Programs Package - BOHLER EMK 8 M20 (Ar 5÷15%CO2) - QuickPulse
79.QP.23599	Quickpulse Welding Program - BOHLER EMK 8 Ø0,8mm M20 (Ar 5÷15%CO2)
79.QP.23699	Quickpulse Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5÷15%CO2)
79.QP.23799	Quickpulse Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5÷15%CO2)
79.I2.00052	Welding Programs Package - BOHLER EMK 8 M21 (Ar 15÷25%CO2) - ArcDrive
79.S1.23199	ArcDrive Welding Program - BOHLER EMK 8 Ø0,8mm M21 (Ar 15÷25%CO2)
79.S1.23299	ArcDrive Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15÷25%CO2)
79.S1.23399	ArcDrive Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15÷25%CO2)
79.I2.00053	Welding Programs Package - BOHLER EMK 8 M21 (Ar 15÷25%CO2) - RapiDeep
79.RD.23199	RapiDeep Welding Program - BOHLER EMK 8 Ø0,8mm M21 (Ar 15÷25%CO2)
79.RD.23299	RapiDeep Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15÷25%CO2)
79.RD.23399	RapiDeep Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15÷25%CO2)
79.I2.00054	Welding Programs Package - BOHLER EMK 8 M21 (Ar 15÷25%CO2) - PulsDrive
79.P1.23199	PulseDrive Welding Program - BOHLER EMK 8 Ø0,8mm M21 (Ar 15÷25%CO2)
79.P1.23299	PulseDrive Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15÷25%CO2)
79.P1.23399	PulseDrive Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15÷25%CO2)
79.I2.00055	Welding Programs Package - BOHLER EMK 8 M21 (Ar 15÷25%CO2) - QuickPulse
79.QP.23199	Quickpulse Welding Program - BOHLER EMK 8 Ø0,8mm M21 (Ar 15÷25%CO2)
79.QP.23299	Quickpulse Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15÷25%CO2)
79.QP.23399	Quickpulse Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15÷25%CO2)
79.S1.02099	ArcDrive Welding Program - diamondspark 52 BC Ø1,2mm M21 (Ar 15÷25%CO2)
79.P1.02099	PulseDrive Welding Program - diamondspark 52 BC Ø1,2mm M21 (Ar 15÷25% CO2)
79.S1.02499	ArcDrive Welding Program - diamondspark 52 RC Ø1,2mm M21 (Ar 15÷25%CO2)
79.S1.02899	ArcDrive Welding Program - diamondspark 52 RC Ø1,2mm C1 (CO2)
79.I2.00070	Welding Programs Package - diamondspark 52 MC M20 (Ar 5÷15%CO2) - ArcDrive
79.S1.20299	ArcDrive Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5÷15%CO2)
79.S1.20399	ArcDrive Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5÷15%CO2)
79.I2.00071	Welding Programs Package - diamondspark 52 MC M20 (Ar 5÷15%CO2) - RapiDeep
79.RD.20299	RapiDeep Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5÷15%CO2)
79.RD.20399	RapiDeep Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5÷15%CO2)
79.I2.00072	Welding Programs Package - diamondspark 52 MC M20 (Ar 5÷15%CO2) - PulsDrive
79.P1.20299	PulseDrive Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5÷15%CO2)
79.P1.20399	PulseDrive Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5÷15%CO2)
79.I2.00073	Welding Programs Package - diamondspark 52 MC M20 (Ar 5÷15%CO2) - QuickPulse
79.QP.20299	Quickpulse Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5÷15%CO2)
79.QP.20399	Quickpulse Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5÷15%CO2)
79.I2.00074	Welding Programs Package - diamondspark 52 MC M21 (Ar 15÷25%CO2) - ArcDrive
79.S1.03199	ArcDrive Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15÷25%CO2)
79.S1.03298	ArcDrive Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15÷25%CO2)

79.I2.00075	Welding Programs Package - diamondspark 52 MC M21 (Ar 15÷25%CO2) - RapiDeep
79.RD.03199	RapiDeep Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15÷25%CO2)
79.RD.03298	RapiDeep Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15÷25%CO2)
79.I2.00076	Welding Programs Package - diamondspark 52 MC M21 (Ar 15÷25%CO2) - PulsDrive
79.P1.03199	PulseDrive Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15÷25% CO2)
79.P1.03298	PulseDrive Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15÷25% CO2)
79.I2.00077	Welding Programs Package - diamondspark 52 MC M21 (Ar 15÷25%CO2) - QuickPulse
79.QP.03199	Quickpulse Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15÷25% CO2)
79.QP.03298	Quickpulse Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15÷25% CO2)
79.S1.26799	ArcDrive Welding Program - UTP AF ROBOTIC 352 Ø1.6mm M21 (Ar 15÷25%CO2)
79.P1.26799	PulseDrive Welding Program - UTP AF ROBOTIC 352 Ø1.6mm M21 (Ar 15÷25% CO2)

Universal-Arc

79.I2.00056	Welding Programs Package - G3/4 Si1 (ER70S-6) M20 (Ar 5÷15%CO2) - ArcDrive
79.S1.011	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,6mm M20 (Ar 5÷15%CO2)
79.S1.012	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M20 (Ar 5÷15%CO2)
79.S1.013	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M20 (Ar 5÷15%CO2)
79.S1.014	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M20 (Ar 5÷15%CO2)
79.S1.015	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M20 (Ar 5÷15%CO2)
79.I2.00057	Welding Programs Package - G3/4 Si1 (ER70S-6) M20 (Ar 5÷15%CO2) - RapiDeep
79.RD.012	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M20 (Ar 5÷15%CO2)
79.RD.013	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M20 (Ar 5÷15%CO2)
79.RD.014	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M20 (Ar 5÷15%CO2)
79.RD.015	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M20 (Ar 5÷15%CO2)
79.I2.00058	Welding Programs Package - G3/4 Si1 (ER70S-6) M20 (Ar 5÷15%CO2) - PulsDrive
79.P1.011	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,6mm M20 (Ar 5÷15%CO2)
79.P1.012	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M20 (Ar 5÷15%CO2)
79.P1.013	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M20 (Ar 5÷15%CO2)
79.P1.014	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M20 (Ar 5÷15%CO2)
79.P1.015	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M20 (Ar 5÷15%CO2)
79.I2.00059	Welding Programs Package - G3/4 Si1 (ER70S-6) M20 (Ar 5÷15%CO2) - QuickPulse
79.QP.012	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 0,8mm M20 (Ar 5÷15%CO2)
79.QP.013	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 1,0mm M20 (Ar 5÷15%CO2)
79.QP.014	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 1,2mm M20 (Ar 5÷15%CO2)
79.QP.015	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 1,6mm M20 (Ar 5÷15%CO2)
79.I2.00060	Welding Programs Package - G3/4 Si1 (ER70S-6) M21 (Ar 15÷25%CO2) - ArcDrive
79.S1.006	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,6mm M21 (Ar 15÷25%CO2)
79.S1.007	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M21 (Ar 15÷25%CO2)
79.S1.149	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,9mm M21 (Ar 15÷25%CO2)
79.S1.008	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M21 (Ar 15÷25%CO2)
79.S1.009	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M21 (Ar 15÷25%CO2)
79.S1.010	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M21 (Ar 15÷25%CO2)
79.I2.00061	Welding Programs Package - G3/4 Si1 (ER70S-6) M21 (Ar 15÷25%CO2) - RapiDeep
79.RD.007	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M21 (Ar 15÷25%CO2)
79.RD.008	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M21 (Ar 15÷25%CO2)
79.RD.009	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M21 (Ar 15÷25%CO2)
79.RD.010	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M21 (Ar 15÷25%CO2)
79.I2.00062	Welding Programs Package - G3/4 Si1 (ER70S-6) M21 (Ar 15÷25%CO2) - PulsDrive
79.P1.006	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,6mm M21 (Ar 15÷25% CO2)
79.P1.007	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M21 (Ar 15÷25% CO2)
79.P1.149	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,9mm M21 (Ar 15÷25% CO2)
79.P1.008	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M21 (Ar 15÷25% CO2)
79.P1.009	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M21 (Ar 15÷25% CO2)
79.P1.010	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M21 (Ar 15÷25% CO2)
79.I2.00063	Welding Programs Package - G3/4 Si1 (ER70S-6) M21 (Ar 15÷25%CO2) - QuickPulse
79.QP.007	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 0,8mm M21 (Ar 15÷25%CO2)
79.QP.008	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 1,0mm M21 (Ar 15÷25%CO2)
79.QP.009	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 1,2mm M21 (Ar 15÷25%CO2)
79.QP.010	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 1,6mm M21 (Ar 15÷25%CO2)

79.I2.00064	Welding Programs Package - G3/4 Si1 C1 (CO2) - ArcDrive
79.S1.001	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,6mm C1 (CO2)
79.S1.002	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm C1 (CO2)
79.S1.003	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm C1 (CO2)
79.S1.004	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm C1 (CO2)
79.S1.005	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm C1 (CO2)
79.S1.148	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,9mm M13 (Ar 0,5÷3%O2)
79.P1.148	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,9mm M13 (Ar 0,5÷3%O2)
79.I2.00147	Welding Programs Package - G 69 4 M (ER110S—G) M21 (Ar 15÷25%CO2) - ArcDrive
79.S1.124	ArcDrive Welding Program - G 69 4 M (ER110S-G) Ø1,0mm M21 (Ar 15÷25%CO2)
79.S1.125	ArcDrive Welding Program - G 69 4 M (ER110S-G) Ø1,2mm M21 (Ar 15÷25%CO2)
79.S1.132	ArcDrive Welding Program - G 69 4 M (ER110S-G) Ø0,8mm M21 (Ar 15÷25%CO2)
79.I2.00148	Welding Programs Package - G 69 4 M (ER110S—G) M21 (Ar 15÷25%CO2) - PulsDrive
79.P1.124	PulseDrive Welding Program - G 69 4 M (ER110S-G) Ø1,0mm M21 (Ar 15÷25% CO2)
79.P1.125	PulseDrive Welding Program - G 69 4 M (ER110S-G) Ø1,2mm M21 (Ar 15÷25% CO2)
79.P1.132	PulseDrive Welding Program - G 69 4 M (ER110S-G) Ø0,8mm M21 (Ar 15÷25% CO2)
79.I2.00149	Welding Programs Package - G 69 4 M (ER110S—G) M20 (Ar 5÷15%CO2) - ArcDrive
79.S1.131	ArcDrive Welding Program - G 69 4 M (ER110S-G) Ø0,8mm M20 (Ar 5÷15%CO2)
79.S1.135	ArcDrive Welding Program - G 69 4 M (ER110S-G) Ø1,0mm M20 (Ar 5÷15%CO2)
79.S1.136	ArcDrive Welding Program - G 69 4 M (ER110S-G) Ø1,2mm M20 (Ar 5÷15%CO2)
79.I2.00150	Welding Programs Package - G 69 4 M (ER110S—G) M20 (Ar 5÷15%CO2) - PulsDrive
79.P1.131	PulseDrive Welding Program - G 69 4 M (ER110S-G) Ø0,8mm M20 (Ar 5÷15% CO2)
79.P1.135	PulseDrive Welding Program - G 69 4 M (ER110S-G) Ø1,0mm M20 (Ar 5÷15% CO2)
79.P1.136	PulseDrive Welding Program - G 69 4 M (ER110S-G) Ø1,2mm M20 (Ar 5÷15% CO2)
79.I2.00065	Welding Programs Package - Basic FCW M21 (Ar 15÷25%CO2) - ArcDrive
79.S1.020	ArcDrive Welding Program - BFCW Ø1,2mm M21 (Ar 15÷25%CO2)
79.S1.022	ArcDrive Welding Program - BFCW Ø1,6mm M21 (Ar 15÷25%CO2)
79.I2.00066	Welding Programs Package - Basic FCW M21 (Ar 15÷25%CO2) - PulsDrive
79.P1.020	PulseDrive Welding Program - BFCW Ø1,2mm M21 (Ar 15÷25%CO2)
79.P1.022	PulseDrive Welding Program - BFCW Ø1,6mm M21 (Ar 15÷25%CO2)
79.I2.00067	Welding Programs Package - Rutile FCW M21 (Ar 15÷25%CO2) - ArcDrive
79.S1.024	ArcDrive Welding Program - RFCW Ø1,2mm M21 (Ar 15÷25%CO2)
79.S1.026	ArcDrive Welding Program - RFCW Ø1,6mm M21 (Ar 15÷25%CO2)
79.I2.00068	Welding Programs Package - Rutile FCW M21 (Ar 15÷25%CO2) - PulsDrive
79.P1.024	PulseDrive Welding Program - RFCW Ø1,2mm M21 (Ar 15÷25%CO2)
79.P1.026	PulseDrive Welding Program - RFCW Ø1,6mm M21 (Ar 15÷25%CO2)
79.S1.028	ArcDrive Welding Program - RFCW Ø1,2mm C1 (CO2)
79.I2.00078	Welding Programs Package - Metal CW M21 (Ar 15÷25%CO2) - ArcDrive
79.S1.031	ArcDrive Welding Program - MFCW Ø1,0mm M21 (Ar 15÷25%CO2)
79.S1.032	ArcDrive Welding Program - MFCW Ø1,2mm M21 (Ar 15÷25%CO2)
79.S1.034	ArcDrive Welding Program - MFCW Ø1,6mm M21 (Ar 15÷25%CO2)
79.I2.00079	Welding Programs Package - Metal CW M21 (Ar 15÷25%CO2) - PulsDrive
79.P1.032	PulseDrive Welding Program - MFCW Ø1,2mm M21 (Ar 15÷25%CO2)
79.P1.034	PulseDrive Welding Program - MFCW Ø1,6mm M21 (Ar 15÷25%CO2)
79.S1.036	ArcDrive Welding Program - MFCW Ø1,2mm C1 (CO2)
79.I2.00080	Welding Programs Package - Metal CW (Self shielded) - ArcDrive
79.S1.137	ArcDrive Welding Program - MCW Ø0,9mm Self shielded
79.S1.138	ArcDrive Welding Program - MCW Ø1,2mm Self shielded

High alloyed steel

Bohler-Arc	
79.P1.15199	PulseDrive Welding Program - GZ 17 15 TT Ø1,2mm Z (Ar 5%He 5%N2 550ppmCO2)
79.P1.15399	PulseDrive Welding Program - Thermanit 20 16 SM Ø1,2mm Z (Ar 15%He 2% CO2)
79.P1.25899	PulseDrive Welding Program - Thermanit 21/10 N Ø1,2mm Z (Ar 15%He 2%CO2)
79.P1.25999	PulseDrive Welding Program - Thermanit 22/09 Ø1,2mm Z (Ar 15%He 2%CO2)
79.I2.00096	Welding Programs Package - Thermanit A 318 Si M12 (Ar 2%CO2) - ArcDrive
79.S1.26499	ArcDrive Welding Program - Thermanit A-318 Si Ø1,0mm M12 (Ar 0,5+5%CO2)
79.S1.26599	ArcDrive Welding Program - Thermanit A-318 Si Ø1,2mm M12 (Ar 0,5+5%CO2)
79.I2.00097	Welding Programs Package - Thermanit A 318 Si M12 (Ar 2%CO2) - RapiDeep
79.RD.26499	RapiDeep Welding Program - Thermanit A-318 Si Ø1,0mm M12 (Ar 0,5+5%CO2)
79.RD.26599	RapiDeep Welding Program - Thermanit A-318 Si Ø1,2mm M12 (Ar 0,5+5%CO2)
79.I2.00098	Welding Programs Package - Thermanit A 318 Si M12 (Ar 2%CO2) - PulsDrive
79.P1.26499	PulseDrive Welding Program - Thermanit A-318 Si Ø1,0mm M12 (Ar 0,5+5% CO2)
79.P1.26599	PulseDrive Welding Program - Thermanit A-318 Si Ø1,2mm M12 (Ar 0,5+5% CO2)
79.I2.00099	Welding Programs Package - Thermanit A 318 Si M12 (Ar 2%CO2) - QuickPulse
79.QP.26499	Quickpulse Welding Program - Thermanit A-318 Si Ø1,0mm M12 (Ar 0,5+5% CO2)
79.QP.26599	Quickpulse Welding Program - Thermanit A-318 Si Ø1,2mm M12 (Ar 0,5+5% CO2)
79.P1.26099	PulseDrive Welding Program - Thermanit A-318 Ø1,0mm Z (Ar 15%He 2%CO2)
79.P1.25799	PulseDrive Welding Program - Thermanit ATS 4 Ø1,2mm M12 (Ar 0,5+5%CO2)
79.S1.05699	ArcDrive Welding Program - THERMANIT GE 316L Si Ø1,2mm M12 (Ar 0,5+5% CO2)
79.P1.05699	PulseDrive Welding Program - THERMANIT GE 316L Si Ø1,2mm M12 (Ar 0,5+5% CO2)
79.CP.05699	CladPulse Welding Program - Thermanit GE 316L Ø1,2mm M12 (Ar 0,5+5%CO2)
79.S1.15099	ArcDrive Welding Program - FOXcore 13 4 MC Ø1,2mm M12 (Ar 0,5+5%CO2)
79.P1.15099	PulseDrive Welding Program - FOXcore 13 4 MC Ø1,2mm M12 (Ar 0,5+5%CO2)
79.S1.14099	ArcDrive Welding Program - FOXcore 307 MC Ø1,2mm M12 (Ar 0,5+5%CO2)
79.P1.14099	PulseDrive Welding Program - FOXcore 307 MC Ø1,2mm M12 (Ar 0,5+5%CO2)
79.S1.08999	ArcDrive Welding Program - FOXcore 316 T0 Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.08999	PulseDrive Welding Program - FOXcore 316 T0 Ø1,2mm M21 (Ar 15+25%CO2)
79.S1.14299	ArcDrive Welding Program - FOXcore 316 T0 Ø1,2mm C1 (CO2)
79.P1.01899	PulseDrive Welding Program - UTP 73 G 2 Ø1,6mm M21 (Ar 15+25%CO2)
79.P1.12799	PulseDrive Welding Program - SK STELKAY 6 G Ø1,2mm 100%Ar
79.S1.26399	ArcDrive Welding Program - UTP AF ROBOTIC 554 Ø1,6mm M21 (Ar 15+25%CO2)
79.P1.26399	PulseDrive Welding Program - UTP AF ROBOTIC 554 Ø1,6mm M21 (Ar 15+25% CO2)
79.S1.26999	ArcDrive Welding Program - UTP AF ROBOTIC 601 Ø1.6mm M21 (Ar 15+25%CO2)
79.P1.26999	PulseDrive Welding Program - UTP AF ROBOTIC 601 Ø1.6mm M21 (Ar 15+25% CO2)
79.S1.27199	ArcDrive Welding Program - UTP AF ROBOTIC 603 Ø1.6mm M21 (Ar 15+25%CO2)
79.P1.27199	PulseDrive Welding Program - UTP AF ROBOTIC 603 Ø1.6mm M21 (Ar 15+25% CO2)
79.S1.27399	ArcDrive Welding Program - UTP AF ROBOTIC 6010 Ø1.6mm M21 (Ar 15+25%CO2)
79.P1.27399	PulseDrive Welding Program - UTP AF ROBOTIC 6010 Ø1.6mm M21 (Ar 15+25% CO2)
Universal-Arc	
79.S1.079	ArcDrive Welding Program - CrNb 16 (ER430) Ø1,0mm M12 (Ar 0,5+5%CO2)
79.P1.079	PulseDrive Welding Program - CrNb 16 (ER430) Ø1,0mm M12 (Ar 0,5+5%CO2)
79.S1.043	ArcDrive Welding Program - CrNi 13 4 (ER410) Ø1,2mm M12 (Ar 0,5+5%CO2)
79.P1.043	PulseDrive Welding Program - CrNi 13 4 (ER410) Ø1,2mm M12 (Ar 0,5+5%CO2)
79.I2.00081	Welding Programs Package - CrNi 18 8 (ER307) M12 (Ar 0,5+5%CO2) - ArcDrive
79.S1.045	ArcDrive Welding Program - CrNi 18 8 (ER307) Ø0,8mm M12 (Ar 0,5+5%CO2)
79.S1.046	ArcDrive Welding Program - CrNi 18 8 (ER307) Ø1,0mm M12 (Ar 0,5+5%CO2)
79.S1.047	ArcDrive Welding Program - CrNi 18 8 (ER307) Ø1,2mm M12 (Ar 0,5+5%CO2)
79.I2.00082	Welding Programs Package - CrNi 18 8 (ER307) M12 (Ar 0,5+5%CO2) - PulsDrive
79.P1.045	PulseDrive Welding Program - CrNi 18 8 (ER307) Ø0,8mm M12 (Ar 0,5+5%CO2)
79.P1.046	PulseDrive Welding Program - CrNi 18 8 (ER307) Ø1,0mm M12 (Ar 0,5+5%CO2)
79.P1.047	PulseDrive Welding Program - CrNi 18 8 (ER307) Ø1,2mm M12 (Ar 0,5+5%CO2)
79.P1.139	PulseDrive Welding Program - CrNi 18 8 (ER307) Ø1,0mm M21 (Ar 15+25%CO2)

79.I2.00083	Welding Programs Package - CrNi 19 9 (ER308) M12 (Ar 0,5+5%CO2) - ArcDrive
79.S1.049	ArcDrive Welding Program - CrNi 19 9 (ER308) Ø0,6mm M12 (Ar 0,5+5%CO2)
79.S1.050	ArcDrive Welding Program - CrNi 19 9 (ER308) Ø0,8mm M12 (Ar 0,5+5%CO2)
79.S1.051	ArcDrive Welding Program - CrNi 19 9 (ER308) Ø1,0mm M12 (Ar 0,5+5%CO2)
79.S1.052	ArcDrive Welding Program - CrNi 19 9 (ER308) Ø1,2mm M12 (Ar 0,5+5%CO2)
79.S1.053	ArcDrive Welding Program - CrNi 19 9 (ER308) Ø1,6mm M12 (Ar 0,5+5%CO2)
79.I2.00084	Welding Programs Package - CrNi 19 9 (ER308) M12 (Ar 0,5+5%CO2) - RapiDeep
79.RD.050	RapiDeep Welding Program - CrNi 19 9 (ER308) Ø0,8mm M12 (Ar 0,5+5%CO2)
79.RD.051	RapiDeep Welding Program - CrNi 19 9 (ER308) Ø1,0mm M12 (Ar 0,5+5%CO2)
79.RD.052	RapiDeep Welding Program - CrNi 19 9 (ER308L) Ø1,2mm M12 (Ar 0,5+5%CO2)
79.RD.053	RapiDeep Welding Program - CrNi 19 9 (ER308) Ø1,6mm M12 (Ar 0,5+5%CO2)
79.I2.00085	Welding Programs Package - CrNi 19 9 (ER308) M12 (Ar 0,5+5%CO2) - PulsDrive
79.P1.049	PulseDrive Welding Program - CrNi 19 9 (ER308) Ø0,6mm M12 (Ar 0,5+5% CO2)
79.P1.050	PulseDrive Welding Program - CrNi 19 9 (ER308) Ø0,8mm M12 (Ar 0,5+5% CO2)
79.P1.051	PulseDrive Welding Program - CrNi 19 9 (ER308) Ø1,0mm M12 (Ar 0,5+5% CO2)
79.P1.052	PulseDrive Welding Program - CrNi 19 9 (ER308) Ø1,2mm M12 (Ar 0,5+5% CO2)
79.P1.053	PulseDrive Welding Program - CrNi 19 9 (ER308) Ø1,6mm M12 (Ar 0,5+5% CO2)
79.I2.00086	Welding Programs Package - CrNi 19 9 (ER308) M12 (Ar 0,5+5%CO2) - QuickPulse
79.QP.050	Quickpulse Welding Program - CrNi 19 9 (ER308) 0,8mm M12 (Ar 0,5+5%CO2)
79.QP.051	Quickpulse Welding Program - CrNi 19 9 (ER308) Ø1,0mm M12 (Ar 0,5+5% CO2)
79.QP.052	Quickpulse Welding Program - CrNi 19 9 (ER308) Ø1,2mm M12 (Ar 0,5+5% CO2)
79.QP.053	Quickpulse Welding Program - CrNi 19 9 (ER308) Ø1,6mm M12 (Ar 0,5+5% CO2)
79.I2.00087	Welding Programs Package - CrNi 19 12 3 (ER316) M12 (Ar 0,5+5%CO2) - ArcDrive
79.S1.054	ArcDrive Welding Program - CrNi 19 12 3 (ER316) Ø0,8mm M12 (Ar 0,5+5% CO2)
79.S1.055	ArcDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,0mm M12 (Ar 0,5+5% CO2)
79.S1.056	ArcDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,2mm M12 (Ar 0,5+5% CO2)
79.S1.057	ArcDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,6mm M12 (Ar 0,5+5% CO2)
79.I2.00088	Welding Programs Package - CrNi 19 12 3 (ER316) M12 (Ar 0,5+5%CO2) - PulsDrive
79.P1.054	PulseDrive Welding Program - CrNi 19 12 3 (ER316) Ø0,8mm M12 (Ar 0,5+5% CO2)
79.P1.055	PulseDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,0mm M12 (Ar 0,5+5% CO2)
79.P1.056	PulseDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,2mm M12 (Ar 0,5+5% CO2)
79.P1.057	PulseDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,6mm M12 (Ar 0,5+5% CO2)
79.CP.056	CladPulse Welding Program - CrNi 19 12 3 (ER316) Ø1,2mm M12 (Ar 0,5+5% CO2)
79.I2.00089	Welding Programs Package - CrNi 19 12 3 Z (Ar 30%He 1%O2) - ArcDrive
79.S1.058	ArcDrive Welding Program - CrNi 19 12 3 (ER316) Ø0,8mm Z (Ar 30%He 1%O2)
79.S1.059	ArcDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,0mm Z (Ar 30%He 1%O2)
79.S1.060	ArcDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,2mm Z (Ar 30%He 1%O2)
79.S1.061	ArcDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,6mm Z (Ar 30%He 1%O2)
79.I2.00090	Welding Programs Package - CrNi 22 9 3 (ER2209) M12 (Ar 0,5+5%CO2) - ArcDrive
79.S1.063	ArcDrive Welding Program - CrNi 22 09 (ER2209) Ø1,0mm M12 (Ar 0,5+5%CO2)
79.S1.064	ArcDrive Welding Program - CrNi 22 09 (ER2209) Ø1,2mm M12 (Ar 0,5+5%CO2)
79.I2.00091	Welding Programs Package - CrNi 22 9 3 (ER2209) M12 (Ar 0,5+5%CO2) - PulsDrive
79.P1.063	PulseDrive Welding Program - CrNi 22 09 (ER2209) Ø1,0mm M12 (Ar 0,5+5% CO2)
79.P1.064	PulseDrive Welding Program - CrNi 22 09 (ER2209) Ø1,2mm M12 (Ar 0,5+5% CO2)
79.I2.00092	Welding Programs Package - CrNi 23 12 (ER309) M12 (Ar 0,5+5%CO2) - ArcDrive
79.S1.067	ArcDrive Welding Program - CrNi 23 12 (ER309) Ø1,0mm M12 (Ar 0,5+5%CO2)
79.S1.068	ArcDrive Welding Program - CrNi 23 12 (ER309) Ø1,2mm M12 (Ar 0,5+5%CO2)
79.I2.00093	Welding Programs Package - CrNi 23 12 (ER309) M12 (Ar 0,5+5%CO2) - PulsDrive
79.P1.067	PulseDrive Welding Program - CrNi 23 12 (ER309) Ø1,0mm M12 (Ar 0,5+5% CO2)
79.P1.068	PulseDrive Welding Program - CrNi 23 12 (ER309) Ø1,2mm M12 (Ar 0,5+5% CO2)
79.CP.068	CladPulse Welding Program - CrNi 23 12 (ER309) Ø1,2mm M12 (Ar 0,5+5%CO2)
79.S1.206	ArcDrive Welding Program - CrNi 23 12 (ER309) Ø0,9mm M14 (Ar 5%CO2 2%O2)
79.P1.206	PulseDrive Welding Program - CrNi 23 12 (ER309) Ø0,9mm M14 (Ar 5%CO2 2% O2)
79.S1.072	ArcDrive Welding Program - CrNi 25 09 (ER2509) Ø1,2mm Z (Ar 30%He 2%CO2)
79.P1.072	PulseDrive Welding Program - CrNi 25 09 (ER2509) Ø1,2mm Z (Ar 30%He 2% CO2)
79.I2.00094	Welding Programs Package - CrNi 25 20 (ER310) M12 (Ar 0,5+5%CO2) - ArcDrive
79.S1.074	ArcDrive Welding Program - CrNi 25 20 (ER310) Ø0,8mm M12 (Ar 0,5+5%CO2)
79.S1.075	ArcDrive Welding Program - CrNi 25 20 (ER310) Ø1,0mm M12 (Ar 0,5+5%CO2)
79.S1.076	ArcDrive Welding Program - CrNi 25 20 (ER310) Ø1,2mm M12 (Ar 0,5+5%CO2)

79.I2.00095	Welding Programs Package - CrNi 25 20 (ER310) M12 (Ar 0,5+5%CO2) - PulsDrive
79.P1.074	PulseDrive Welding Program - CrNi 25 20 (ER310) Ø0,8mm M12 (Ar 0,5+5% CO2)
79.P1.075	PulseDrive Welding Program - CrNi 25 20 (ER310) Ø1,0mm M12 (Ar 0,5+5% CO2)
79.P1.076	PulseDrive Welding Program - CrNi 25 20 (ER310) Ø1,2mm M12 (Ar 0,5+5% CO2)
79.S1.083	ArcDrive Welding Program - CrNi 13 4 FCW (E410) Ø1,2mm M21 (Ar 15+25% CO2)
79.P1.083	PulseDrive Welding Program - CrNi 13 4 FCW (E410) Ø1,2mm M21 (Ar 15+25% CO2)
79.I2.00100	Welding Programs Package - CrNi 19 9 FCW (E309) M21 (Ar 15+25%CO2) - ArcDrive
79.S1.085	ArcDrive Welding Program - CrNi 19 9 FCW (E308) Ø0,9mm M21 (Ar 15+25% CO2)
79.S1.086	ArcDrive Welding Program - CrNi 19 9 FCW (E308) Ø1,2mm M21 (Ar 15+25% CO2)
79.S1.087	ArcDrive Welding Program - CrNi 19 9 FCW (E308) Ø1,6mm M21 (Ar 15+25% CO2)
79.S1.089	ArcDrive Welding Program - CrNi 19 12 3 FCW (E316) Ø1,2mm M21 (Ar 15+25% CO2)
79.I2.00120	Welding Programs Package - Hardfacing M21 (Ar 15+25%CO2) - ArcDrive
79.S1.016	ArcDrive Welding Program - Hardfacing Ø1,0mm M21 (Ar 15+25%CO2)
79.S1.017	ArcDrive Welding Program - Hardfacing Ø1,2mm M21 (Ar 15+25%CO2)
79.S1.018	ArcDrive Welding Program - Hardfacing Ø1,6mm M21 (Ar 15+25%CO2)
79.I2.00121	Welding Programs Package - Hardfacing M21 (Ar 15+25%CO2) - PulsDrive
79.P1.016	PulseDrive Welding Program - Hardfacing Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.017	PulseDrive Welding Program - Hardfacing Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.018	PulseDrive Welding Program - Hardfacing Ø1,6mm M21 (Ar 15+25%CO2)
79.I2.00122	Welding Programs Package - Hardfacing G6 FCW I1 (Ar) - ArcDrive
79.S1.127	ArcDrive Welding Program - HardFacing G6 FCW (Stellite G6) Ø1,2mm I1 (Ar)
79.S1.128	ArcDrive Welding Program - HardFacing G6 FCW (Stellite G6) Ø1,6mm I1 (Ar)
79.I2.00123	Welding Programs Package - Hardfacing G6 FCW M13 (Ar 0,5+5%O2) - ArcDrive
79.S1.129	ArcDrive Welding Program - HardFacing G6 FCW (Stellite G6) Ø1,2mm M13 (Ar 0,5+3%O2)
79.S1.130	ArcDrive Welding Program - HardFacing G6 FCW (Stellite G6) Ø1,6mm M13 (Ar 0,5+3%O2)
79.I2.00124	Welding Programs Package - Hardfacing G6 FCW I1 (Ar) - PulsDrive
79.P1.127	PulseDrive Welding Program - HardFacing G6 FCW (Stellite G6) Ø1,2mm I1 (Ar)
79.P1.128	PulseDrive Welding Program - HardFacing G6 FCW (Stellite G6) Ø1,6mm I1 (Ar)
79.I2.00125	Welding Programs Package - Hardfacing G6 FCW M13 (Ar 0,5+5%O2) - PulsDrive
79.P1.129	PulseDrive Welding Program - HardFacing G6 FCW (Stellite G6) Ø1,2mm M13 (Ar 0,5+3%O2)
79.P1.130	PulseDrive Welding Program - HardFacing G6 FCW (Stellite G6) Ø1,6mm M13 (Ar 0,5+3%O2)
79.I2.00126	Welding Programs Package - Hardfacing FCW (Self shielded) - ArcDrive
79.S1.133	ArcDrive Welding Program - HardFacing CrNi FCW (StainCarb W-0) Ø1,6mm - Self shielded
79.S1.134	ArcDrive Welding Program - HardFacing CrNi FCW (StainCarb W-0) Ø2,0mm - Self shielded
79.I2.00127	Welding Programs Package - Hardfacing FCW (Self shielded) - PulsDrive
79.P1.133	PulseDrive Welding Program - HardFacing CrNi FCW (StainCarb W-0) Ø1,6mm - Self shielded
79.P1.134	PulseDrive Welding Program - HardFacing CrNi FCW (StainCarb W-0) Ø2,0mm - Self shielded
79.I2.00128	Welding Programs Package - NiCr22 Mo9 Nb (ERNiCrMo3) I1 (Ar) - CladPulse
79.CP.119	CladPulse Welding Program - NiCr22 Mo9 Nb (ERNiCrMo3) Ø1,0mm I1 (Ar)
79.CP.120	CladPulse Welding Program - NiCr22 Mo9 Nb (ERNiCrMo3) Ø1,2mm I1 (Ar)
79.CP.121	CladPulse Welding Program - NiCr22 Mo9 Nb (ERNiCrMo3) Ø1,6mm I1 (Ar)

Aluminium alloy

Bohler-Arc

79.I2.00101	Welding Programs Package - Union AlMg5 I1 (Ar) - ArcDrive
79.S1.10799	ArcDrive Welding Program - Union AlMg5 Ø1,0mm I1 (Ar)
79.S1.10899	ArcDrive Welding Program - Union AlMg5 Ø1,2mm I1 (Ar)
79.S1.10999	ArcDrive Welding Program - Union AlMg5 Ø1,6mm I1 (Ar)
79.I2.00102	Welding Programs Package - Union AlMg5 I1 (Ar) - PulsDrive
79.P1.10799	PulseDrive Welding Program - Union AlMg5 Ø1,0mm I1 (Ar)
79.P1.10899	PulseDrive Welding Program - Union AlMg5 Ø1,2mm I1 (Ar)
79.P1.10999	PulseDrive Welding Program - Union AlMg5 Ø1,6mm I1 (Ar)
79.S1.15299	ArcDrive Welding Program - UNION AlMg4,5 Mn Ø1,2mm I3 (Ar 0,5÷95%He)
79.P1.15299	PulseDrive Welding Program - UNION AlMg4,5 Mn Ø1,2mm I3 (Ar 0,5÷95%He)

Universal-Arc

79.I2.00103	Welding Programs Package - AlMg5 (ER5356) I1 (Ar) - ArcDrive
79.S1.106	ArcDrive Welding Program - AlMg5 (ER5356) Ø0,8mm I1 (Ar)
79.S1.107	ArcDrive Welding Program - AlMg5 (ER5356) Ø1,0mm I1 (Ar)
79.S1.108	ArcDrive Welding Program - AlMg5 (ER5356) Ø1,2mm I1 (Ar)
79.S1.109	ArcDrive Welding Program - AlMg5 (ER5356) Ø1,6mm I1 (Ar)
79.I2.00104	Welding Programs Package - AlMg5 (ER5356) I1 (Ar) - RapiDeep
79.RD.108	RapiDeep Welding Program - AlMg5 (ER5356) Ø1,2mm I1 (Ar)
79.RD.109	RapiDeep Welding Program - AlMg5 (ER5356) Ø1,6mm I1 (Ar)
79.I2.00105	Welding Programs Package - AlMg5 (ER5356) I1 (Ar) - PulsDrive
79.P1.106	PulseDrive Welding Program - AlMg5 (ER5356) Ø0,8mm I1 (Ar)
79.P1.107	PulseDrive Welding Program - AlMg5 (ER5356) Ø1,0mm I1 (Ar)
79.P1.108	PulseDrive Welding Program - AlMg5 (ER5356) Ø1,2mm I1 (Ar)
79.P1.109	PulseDrive Welding Program - AlMg5 (ER5356) Ø1,6mm I1 (Ar)
79.I2.00106	Welding Programs Package - AlMg5 (ER5356) I1 (Ar) - QuickPulse
79.QP.108	Quickpulse Welding Program - AlMg5 (ER5356) Ø1,2mm I1 (Ar)
79.QP.109	Quickpulse Welding Program - AlMg5 (ER5356) Ø1,6mm I1 (Ar)
79.I2.00107	Welding Programs Package - AlSi5 (ER4043) I1 (Ar) - ArcDrive
79.S1.110	ArcDrive Welding Program - AlSi5 (ER4043) Ø0,8mm I1 (Ar)
79.S1.111	ArcDrive Welding Program - AlSi5 (ER4043) Ø1,0mm I1 (Ar)
79.S1.112	ArcDrive Welding Program - AlSi5 (ER4043) Ø1,2mm I1 (Ar)
79.S1.113	ArcDrive Welding Program - AlSi5 (ER4043) Ø1,6mm I1 (Ar)
79.I2.00108	Welding Programs Package - AlSi5 (ER4043) I1 (Ar) - RapiDeep
79.RD.112	RapiDeep Welding Program - AlSi5 (ER4043) Ø1,2mm I1 (Ar)
79.RD.113	RapiDeep Welding Program - AlSi5 (ER4043) Ø1,6mm I1 (Ar)
79.I2.00109	Welding Programs Package - AlSi5 (ER4043) I1 (Ar) - PulsDrive
79.P1.110	PulseDrive Welding Program - AlSi5 (ER4043) Ø0,8mm I1 (Ar)
79.P1.111	PulseDrive Welding Program - AlSi5 (ER4043) Ø1,0mm I1 (Ar)
79.P1.112	PulseDrive Welding Program - AlSi5 (ER4043) Ø1,2mm I1 (Ar)
79.P1.113	PulseDrive Welding Program - AlSi5 (ER4043) Ø1,6mm I1 (Ar)
79.I2.00110	Welding Programs Package - AlSi5 (ER4043) I1 (Ar) - QuickPulse
79.QP.112	Quickpulse Welding Program - AlSi5 (ER4043) Ø1,2mm I1 (Ar)
79.QP.113	Quickpulse Welding Program - AlSi5 (ER4043) Ø1,6mm I1 (Ar)
79.I2.00111	Welding Programs Package - Al99,5 (ER1050) I1 (Ar) - ArcDrive
79.S1.114	ArcDrive Welding Program - Al99,5 (ER1050) Ø0,8mm I1 (Ar)
79.S1.115	ArcDrive Welding Program - Al99,5 (ER1050) Ø1,0mm I1 (Ar)
79.S1.116	ArcDrive Welding Program - Al99,5 (ER1050) Ø1,2mm I1 (Ar)
79.S1.117	ArcDrive Welding Program - Al99,5 (ER1050) Ø1,6mm I1 (Ar)
79.I2.00112	Welding Programs Package - Al99,5 (ER1050) I1 (Ar) - RapiDeep
79.RD.116	RapiDeep Welding Program - Al99,5 (ER1050) Ø1,2mm I1 (Ar)
79.RD.117	RapiDeep Welding Program - Al99,5 (ER1050) Ø1,6mm I1 (Ar)
79.I2.00113	Welding Programs Package - Al99,5 (ER1050) I1 (Ar) - PulsDrive
79.P1.114	PulseDrive Welding Program - Al99,5 (ER1050) Ø0,8mm I1 (Ar)
79.P1.115	PulseDrive Welding Program - Al99,5 (ER1050) Ø1,0mm I1 (Ar)
79.P1.116	PulseDrive Welding Program - Al99,5 (ER1050) Ø1,2mm I1 (Ar)
79.P1.117	PulseDrive Welding Program - Al99,5 (ER1050) Ø1,6mm I1 (Ar)
79.I2.00114	Welding Programs Package - Al99,5 I1 (Ar) - QuickPulse
79.QP.116	Quickpulse Welding Program - Al99,5 (ER1050) Ø1,2mm I1 (Ar)
79.QP.117	Quickpulse Welding Program - Al99,5 (ER1050) Ø1,6mm I1 (Ar)

Copper alloy

Universal-Arc

79.I2.00115	Welding Programs Package - CuAl8 (ERCuAl) I1 (Ar) - ArcDrive
79.S1.094	ArcDrive Welding Program - CuAl8 (ERCuAl) Ø0,8mm I1 (Ar)
79.S1.095	ArcDrive Welding Program - CuAl8 (ERCuAl) Ø1,0mm I1 (Ar)
79.S1.096	ArcDrive Welding Program - CuAl8 (ERCuAl) Ø1,2mm I1 (Ar)
79.S1.097	ArcDrive Welding Program - CuAl8 (ERCuAl) Ø1,6mm I1 (Ar)
79.I2.00116	Welding Programs Package - CuAl8 (ERCuAl) I1 (Ar) - PulsDrive
79.P1.094	PulseDrive Welding Program - CuAl8 (ERCuAl) Ø0,8mm I1 (Ar)
79.P1.095	PulseDrive Welding Program - CuAl8 (ERCuAl) Ø1,0mm I1 (Ar)
79.P1.096	PulseDrive Welding Program - CuAl8 (ERCuAl) Ø1,2mm I1 (Ar)
79.P1.097	PulseDrive Welding Program - CuAl8 (ERCuAl) Ø1,6mm I1 (Ar)
79.I2.00117	Welding Programs Package - CuSi3 (ERCuSi) I1 (Ar) - ArcDrive
79.S1.098	ArcDrive Welding Program - CuSi3 (ERCuSi) Ø0,8mm I1 (Ar)
79.S1.099	ArcDrive Welding Program - CuSi3 (ERCuSi) Ø1,0mm I1 (Ar)
79.S1.100	ArcDrive Welding Program - CuSi3 (ERCuSi) Ø1,2mm I1 (Ar)
79.I2.00118	Welding Programs Package - CuSi3 (ERCuSi) I1 (Ar) - PulsDrive
79.P1.098	PulseDrive Welding Program - CuSi3 (ERCuSi) Ø0,8mm I1 (Ar)
79.P1.099	PulseDrive Welding Program - CuSi3 (ERCuSi) Ø1,0mm I1 (Ar)
79.P1.100	PulseDrive Welding Program - CuSi3 (ERCuSi) Ø1,2mm I1 (Ar)
79.I2.00119	Welding Programs Package - CuSi3 (ERCuSi) M12 (Ar 0,5÷5%CO2) - ArcDrive
79.S1.102	ArcDrive Welding Program - CuSi3 (ERCuSi) Ø0,8mm M12 (Ar 0,5÷5%CO2)
79.S1.103	ArcDrive Welding Program - CuSi3 (ERCuSi) Ø1,0mm M12 (Ar 0,5÷5%CO2)

Nickel alloy

Bohler-Arc

79.I2.00129	Welding Programs Package - Thermanit 625 I1 (Ar) - CladPulse
79.CP.11999	CladPulse Welding Program - Thermanit 625 Ø1,0mm I1 (Ar)
79.CP.12099	CladPulse Welding Program - Thermanit 625 Ø1,2mm I1 (Ar)
79.P1.12099	PulseDrive Welding Program - Thermanit 625 Ø1,2mm M12 (Ar 0,5÷5%CO2)
79.CP.12098	CladPulse Welding Program - UTP A 6222 Mo Ø1,2mm I1 (Ar)
79.S1.14499	ArcDrive Welding Program - FOXcore 625 T1 Ø1,2mm M21 (Ar 15÷25%CO2)
79.P1.14499	PulseDrive Welding Program - FOXcore 625 T1 Ø1,2mm M21 (Ar 15÷25%CO2)
79.P1.26199	PulseDrive Welding Program - Thermanit Nicro 82 Ø1,2mm M12 (Ar 0,5÷5% CO2)
79.CP.26199	CladPulse Welding Program - Thermanit Nicro 82 Ø1,2mm M12 (Ar 0,5÷5% CO2)
79.P1.26299	PulseDrive Welding Program - Thermanit Nicro 82 Ø1,2mm Z (Ar 30%He 2%H2 0,05%CO2)
79.CP.26299	CladPulse Welding Program - Thermanit Nicro 82 Ø1,2mm Z (Ar 30%He 2%H2 0,05%CO2)

Crane & Lifting



- diamondspark 52 BC Ø1,2mm 82%Ar-18%CO2
- FOXcore 307 MC Ø1,2mm 98%Ar-2% CO2
- Union AlMg5 Ø1,2mm 100%Ar
- Nibas 625 IG Ø1,2mm 100%Ar
- FOXcore 625 T1 Ø1,2mm Ar-18%CO2
- Union AlMg5 Ø1,2mm 100%Ar
- Nibas 625 IG Ø1,2mm Ar-2%CO2
- CrNi 23 12 (ER309) Ø1,2mm Ar-2%CO2
- CrNi 19 12 3 (ER316) Ø1,2mm Ar-2%CO2

...and many more...

Description	
79.I2.00138	Welding Programs Package - BOHLER X 70 IG CL M21 (Ar 15÷25%CO2) - ArcDrive
79.S1.21698	ArcDrive Welding Program - BOHLER X 70 IG CL Ø1,0mm M21 (Ar 15÷25%CO2)
79.S1.21798	ArcDrive Welding Program - BOHLER X 70 IG CL Ø1,2mm M21 (Ar 15÷25%CO2)
79.I2.00139	Welding Programs Package - BOHLER X 70 IG CL M21 (Ar 15÷25%CO2) - PulseDrive
79.P1.21698	PulseDrive Welding Program - BOHLER X 70 IG CL Ø1,0mm M21 (Ar 15÷25% CO2)
79.P1.21798	PulseDrive Welding Program - BOHLER X 70 IG CL Ø1,2mm M21 (Ar 15÷25% CO2)
79.I2.00140	Welding Programs Package - BOHLER X 70 IG CL M21 (Ar 15÷25%CO2) - QuickPulse
79.QP.21698	QuickPulse Welding Program - BOHLER X 70 IG CL Ø1,0mm M21 (Ar 15÷25% CO2)
79.QP.21798	QuickPulse Welding Program - BOHLER X 70 IG CL Ø1,2mm M21 (Ar 15÷25% CO2)
79.I2.00141	Welding Programs Package - Union X 90 CL M21 (Ar 15÷25%CO2) - ArcDrive
79.S1.24098	ArcDrive Welding Program - UNION X 90 CL Ø1,0mm M21 (Ar 15÷25%CO2)
79.S1.24198	ArcDrive Welding Program - UNION X 90 CL Ø1,2mm M21 (Ar 15÷25%CO2)
79.I2.00142	Welding Programs Package - Union X 90 CL M21 (Ar 15÷25%CO2) - PulseDrive
79.P1.24098	PulseDrive Welding Program - UNION X 90 CL Ø1,0mm M21 (Ar 15÷25%CO2)
79.P1.24198	PulseDrive Welding Program - UNION X 90 CL Ø1,2mm M21 (Ar 15÷25%CO2)
79.I2.00143	Welding Programs Package - Union X 90 CL M21 (Ar 15÷25%CO2) - QuickPulse
79.QP.24098	QuickPulse Welding Program - UNION X 90 CL Ø1,0mm M21 (Ar 15÷25%CO2)
79.QP.24198	QuickPulse Welding Program - UNION X 90 CL Ø1,2mm M21 (Ar 15÷25%CO2)
79.I2.00144	Welding Programs Package - Union NiMoCr CL M21 (Ar 15÷25%CO2) - ArcDrive
79.S1.20898	ArcDrive Welding Program - Union NiMoCr CL Ø1,0mm M21 (Ar 15÷25%CO2)
79.S1.20998	ArcDrive Welding Program - Union NiMoCr CL Ø1,2mm M21 (Ar 15÷25%CO2)
79.I2.00145	Welding Programs Package - Union NiMoCr CL M21 (Ar 15÷25%CO2) - PulseDrive
79.P1.20898	PulseDrive Welding Program - Union NiMoCr CL Ø1,0mm M21 (Ar 15÷25%CO2)
79.P1.20998	PulseDrive Welding Program - Union NiMoCr CL Ø1,2mm M21 (Ar 15÷25%CO2)
79.I2.00146	Welding Programs Package - Union NiMoCr CL M21 (Ar 15÷25%CO2) - QuickPulse
79.QP.20898	QuickPulse Welding Program - Union NiMoCr CL Ø1,0mm M21 (Ar 15÷25%CO2)
79.QP.20998	QuickPulse Welding Program - Union NiMoCr CL Ø1,2mm M21 (Ar 15÷25%CO2)
79.S1.17198	ArcDrive Welding Program - diamondspark 700 MC CL Ø1,2mm M21 (Ar 15÷25% CO2)
79.RD.17198	RapiDeep Welding Program - diamondspark 700 MC CL Ø1,2mm M21 (Ar 15÷25% CO2)
79.P1.17198	PulseDrive Welding Program - diamondspark 700 MC CL Ø1,2mm M21 (Ar 15÷ 25%CO2)
79.S1.17998	ArcDrive Welding Program - diamondspark 900 MC CL Ø1,2mm M21 (Ar 15÷25% CO2)
79.RD.17998	RapiDeep Welding Program - diamondspark 900 MC CL Ø1,2mm M21 (Ar 15÷25% CO2)
79.P1.17998	PulseDrive Welding Program - diamondspark 900 MC CL Ø1,2mm M21 (Ar 15÷ 25%CO2)

	Description
79.I2.00001	Full Welding Programs Package - diamondspark 52 MC Ø1,0-1,2mm M20 (Ar 5+15%CO2)
79.S1.20299	ArcDrive Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.RD.20299	RapiDeep Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.20299	PulseDrive Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.QP.20299	Quickpulse Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.S1.20399	ArcDrive Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.RD.20399	RapiDeep Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.20399	PulseDrive Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.QP.20399	Quickpulse Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.I2.00002	Full Welding Programs Package - diamondspark 52 MC Ø1,0-1,2mm M21 (Ar 15+25%CO2)
79.S1.03199	ArcDrive Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.03199	RapiDeep Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.03199	PulseDrive Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25% CO2)
79.QP.03199	Quickpulse Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25% CO2)
79.S1.03298	ArcDrive Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25%CO2)
79.RD.03298	RapiDeep Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.03298	PulseDrive Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25% CO2)
79.QP.03298	Quickpulse Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25% CO2)
79.I2.00003	Full Welding Programs Package - diamondspark 700 MC Ø1,0-1,2mm M20 (Ar 5+15%CO2)
79.S1.17499	ArcDrive Welding Program - diamondspark 700 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.RD.17499	RapiDeep Welding Program - diamondspark 700 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.17499	PulseDrive Welding Program - diamondspark 700 MC Ø1,0mm M20 (Ar 5+15% CO2)
79.QP.17499	Quickpulse Welding Program - diamondspark 700 MC Ø1,0mm M20 (Ar 5+15% CO2)
79.S1.17599	ArcDrive Welding Program - diamondspark 700 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.RD.17599	RapiDeep Welding Program - diamondspark 700 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.17599	PulseDrive Welding Program - diamondspark 700 MC Ø1,2mm M20 (Ar 5+15% CO2)
79.QP.17599	Quickpulse Welding Program - diamondspark 700 MC Ø1,2mm M20 (Ar 5+15% CO2)
79.I2.00004	Full Welding Programs Package - diamondspark 700 MC Ø1,0-1,2mm M21 (Ar 15+25%CO2)
79.S1.17099	ArcDrive Welding Program - diamondspark 700 MC Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.17099	RapiDeep Welding Program - diamondspark 700 MC Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.17099	PulseDrive Welding Program - diamondspark 700 MC Ø1,0mm M21 (Ar 15+25% CO2)
79.QP.17099	Quickpulse Welding Program - diamondspark 700 MC Ø1,0mm M21 (Ar 15+25% CO2)
79.S1.17199	ArcDrive Welding Program - diamondspark 700 MC Ø1,2mm M21 (Ar 15+25%CO2)
79.RD.17199	RapiDeep Welding Program - diamondspark 700 MC Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.17199	PulseDrive Welding Program - diamondspark 700 MC Ø1,2mm M21 (Ar 15+25% CO2)
79.QP.17199	Quickpulse Welding Program - diamondspark 700 MC Ø1,2mm M21 (Ar 15+25% CO2)
79.I2.00005	Full Welding Programs Package - diamondspark 900 MC Ø1,0-1,2mm M20 (Ar 5+15%CO2)
79.S1.18299	ArcDrive Welding Program - diamondspark 900 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.RD.18299	RapiDeep Welding Program - diamondspark 900 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.18299	PulseDrive Welding Program - diamondspark 900 MC Ø1,0mm M20 (Ar 5+15% CO2)
79.QP.18299	Quickpulse Welding Program - diamondspark 900 MC Ø1,0mm M20 (Ar 5+15% CO2)
79.S1.18399	ArcDrive Welding Program - diamondspark 900 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.RD.18399	RapiDeep Welding Program - diamondspark 900 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.18399	PulseDrive Welding Program - diamondspark 900 MC Ø1,2mm M20 (Ar 5+15% CO2)
79.QP.18399	Quickpulse Welding Program - diamondspark 900 MC Ø1,2mm M20 (Ar 5+15% CO2)
79.I2.00006	Full Welding Programs Package - diamondspark 900 MC Ø1,0-1,2mm M21 (Ar 15+25%CO2)
79.S1.17899	ArcDrive Welding Program - diamondspark 900 MC Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.17899	RapiDeep Welding Program - diamondspark 900 MC Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.17899	PulseDrive Welding Program - diamondspark 900 MC Ø1,0mm M21 (Ar 15+25% CO2)
79.QP.17899	Quickpulse Welding Program - diamondspark 900 MC Ø1,0mm M21 (Ar 15+25% CO2)
79.S1.17999	ArcDrive Welding Program - diamondspark 900 MC Ø1,2mm M21 (Ar 15+25%CO2)
79.RD.17999	RapiDeep Welding Program - diamondspark 900 MC Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.17999	PulseDrive Welding Program - diamondspark 900 MC Ø1,2mm M21 (Ar 15+25% CO2)
79.QP.17999	Quickpulse Welding Program - diamondspark 900 MC Ø1,2mm M21 (Ar 15+25% CO2)

Description	
79.I2.00007	Full Welding Programs Package - diamondspark 960 MC Ø1,0-1,2mm M20 (Ar 5±15%CO2)
79.S1.19099	ArcDrive Welding Program - diamondspark 960 MC Ø1,0mm M20 (Ar 5±15%CO2)
79.RD.19099	RapiDeep Welding Program - diamondspark 960 MC Ø1,0mm M20 (Ar 5±15%CO2)
79.P1.19099	PulseDrive Welding Program - diamondspark 960 MC Ø1,0mm M20 (Ar 5±15% CO2)
79.QP.19099	Quickpulse Welding Program - diamondspark 960 MC Ø1,0mm M20 (Ar 5±15% CO2)
79.S1.19199	ArcDrive Welding Program - diamondspark 960 MC Ø1,2mm M20 (Ar 5±15%CO2)
79.RD.19199	RapiDeep Welding Program - diamondspark 960 MC Ø1,2mm M20 (Ar 5±15%CO2)
79.P1.19199	PulseDrive Welding Program - diamondspark 960 MC Ø1,2mm M20 (Ar 5±15% CO2)
79.QP.19199	Quickpulse Welding Program - diamondspark 960 MC Ø1,2mm M20 (Ar 5±15% CO2)
79.I2.00008	Full Welding Programs Package - diamondspark 960 MC Ø1,0-1,2mm M21 (Ar 15±25%CO2)
79.S1.18699	ArcDrive Welding Program - diamondspark 960 MC Ø1,0mm M21 (Ar 15±25%CO2)
79.RD.18699	RapiDeep Welding Program - diamondspark 960 MC Ø1,0mm M21 (Ar 15±25%CO2)
79.P1.18699	PulseDrive Welding Program - diamondspark 960 MC Ø1,0mm M21 (Ar 15±25% CO2)
79.QP.18699	Quickpulse Welding Program - diamondspark 960 MC Ø1,0mm M21 (Ar 15±25% CO2)
79.S1.18799	ArcDrive Welding Program - diamondspark 960 MC Ø1,2mm M21 (Ar 15±25%CO2)
79.RD.18799	RapiDeep Welding Program - diamondspark 960 MC Ø1,2mm M21 (Ar 15±25%CO2)
79.P1.18799	PulseDrive Welding Program - diamondspark 960 MC Ø1,2mm M21 (Ar 15±25% CO2)
79.QP.18799	Quickpulse Welding Program - diamondspark 960 MC Ø1,2mm M21 (Ar 15±25% CO2)
79.I2.00009	Full Welding Programs Package - diamondspark 1100 MC Ø1,0-1,2mm M20 (Ar 5±15%CO2)
79.S1.19899	ArcDrive Welding Program - diamondspark 1100 MC Ø1,0mm M20 (Ar 5±15%CO2)
79.RD.19899	RapiDeep Welding Program - diamondspark 1100 MC Ø1,0mm M20 (Ar 5±15%CO2)
79.P1.19899	PulseDrive Welding Program - diamondspark 1100 MC Ø1,0mm M20 (Ar 5±15% CO2)
79.QP.19899	Quickpulse Welding Program - diamondspark 1100 MC Ø1,0mm M20 (Ar 5±15% CO2)
79.S1.19999	ArcDrive Welding Program - diamondspark 1100 MC Ø1,2mm M20 (Ar 5±15%CO2)
79.RD.19999	RapiDeep Welding Program - diamondspark 1100 MC Ø1,2mm M20 (Ar 5±15%CO2)
79.P1.19999	PulseDrive Welding Program - diamondspark 1100 MC Ø1,2mm M20 (Ar 5±15% CO2)
79.QP.19999	Quickpulse Welding Program - diamondspark 1100 MC Ø1,2mm M20 (Ar 5±15% CO2)
79.I2.00010	Full Welding Programs Package - diamondspark 1100 MC Ø1,0-1,2mm M21 (Ar 15±25%CO2)
79.S1.19499	ArcDrive Welding Program - diamondspark 1100 MC Ø1,0mm M21 (Ar 15±25% CO2)
79.RD.19499	RapiDeep Welding Program - diamondspark 1100 MC Ø1,0mm M21 (Ar 15±25% CO2)
79.P1.19499	PulseDrive Welding Program - diamondspark 1100 MC Ø1,0mm M21 (Ar 15±25% CO2)
79.QP.19499	Quickpulse Welding Program - diamondspark 1100 MC Ø1,0mm M21 (Ar 15±25% CO2)
79.S1.19599	ArcDrive Welding Program - diamondspark 1100 MC Ø1,2mm M21 (Ar 15±25% CO2)
79.RD.19599	RapiDeep Welding Program - diamondspark 1100 MC Ø1,2mm M21 (Ar 15±25% CO2)
79.P1.19599	PulseDrive Welding Program - diamondspark 1100 MC Ø1,2mm M21 (Ar 15±25% CO2)
79.QP.19599	Quickpulse Welding Program - diamondspark 1100 MC Ø1,2mm M21 (Ar 15±25% CO2)
79.I2.00011	Full Welding Programs Package - BOHLER EMK 6 Ø0,8mm M20 (Ar 5±15%CO2)
79.S1.01299	ArcDrive Welding Program - BOHLER EMK 6 Ø0,8mm M20 (Ar 5±15%CO2)
79.RD.01299	RapiDeep Welding Program - BOHLER EMK 6 Ø0,8mm M20 (Ar 5±15%CO2)
79.P1.01299	PulseDrive Welding Program - BOHLER EMK 6 Ø0,8mm M20 (Ar 5±15%CO2)
79.QP.01299	Quickpulse Welding Program - BOHLER EMK 6 Ø0,8mm M20 (Ar 5±15%CO2)
79.I2.00012	Full Welding Programs Package - BOHLER EMK 6 Ø1,0-1,2mm M20 (Ar 5±15% CO2)
79.RD.01399	RapiDeep Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5±15%CO2)
79.P1.01399	PulseDrive Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5±15%CO2)
79.QP.01399	Quickpulse Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5±15%CO2)
79.S1.01499	ArcDrive Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5±15%CO2)
79.RD.01499	RapiDeep Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5±15%CO2)
79.P1.01499	PulseDrive Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5±15%CO2)
79.QP.01499	Quickpulse Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5±15%CO2)
79.I2.00013	Full Welding Programs Package - BOHLER EMK 6 Ø0,8mm M21 (Ar 15±25%CO2)
79.S1.00799	ArcDrive Welding Program - BOHLER EMK 6 Ø0,8mm M21 (Ar 15±25%CO2)
79.RD.00799	RapiDeedWelding Program - BOHLER EMK 6 Ø0,8mm M21 (Ar 15±25%CO2)
79.P1.00799	PulseDrive Welding Program - BOHLER EMK 6 Ø0,8mm M21 (Ar 15±25%CO2)
79.QP.00799	Quickpulse Welding Program - BOHLER EMK 6 Ø0,8mm M21 (Ar 15±25%CO2)

	Description
79.I2.00014	Full Welding Programs Package - BOHLER EMK 6 Ø1,0-1,2mm M21 (Ar 15+25%CO2)
79.S1.00899	ArcDrive Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.00899	RapiDeep Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.00899	PulseDrive Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15+25%CO2)
79.QP.00899	Quickpulse Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15+25%CO2)
79.S1.00999	ArcDrive Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15+25%CO2)
79.RD.00999	RapiDeep Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.00999	PulseDrive Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15+25%CO2)
79.QP.00999	Quickpulse Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15+25%CO2)
79.I2.00015	Full Welding Programs Package - BOHLER EMK 8 Ø0,8mm M20 (Ar 5+15%CO2)
79.S1.23599	ArcDrive Welding Program - BOHLER EMK 8 Ø0,8mm M20 (Ar 5+15%CO2)
79.RD.23599	RapiDeep Welding Program - BOHLER EMK 8 Ø0,8mm M20 (Ar 5+15%CO2)
79.P1.23599	PulseDrive Welding Program - BOHLER EMK 8 Ø0,8mm M20 (Ar 5+15%CO2)
79.QP.23599	Quickpulse Welding Program - BOHLER EMK 8 Ø0,8mm M20 (Ar 5+15%CO2)
79.I2.00016	Full Welding Programs Package - BOHLER EMK 8 Ø1,0-1,2mm M20 (Ar 5+15% CO2)
79.S1.23699	ArcDrive Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5+15%CO2)
79.RD.23699	RapiDeep Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.23699	PulseDrive Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5+15%CO2)
79.QP.23699	Quickpulse Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5+15%CO2)
79.S1.23799	ArcDrive Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5+15%CO2)
79.RD.23799	RapiDeep Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.23799	PulseDrive Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5+15%CO2)
79.QP.23799	Quickpulse Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5+15%CO2)
79.I2.00017	Full Welding Programs Package - BOHLER EMK 8 Ø0,8mm M21 (Ar 15+25%CO2)
79.S1.23199	ArcDrive Welding Program - BOHLER EMK 8 Ø0,8mm M21 (Ar 15+25%CO2)
79.RD.23199	RapiDeep Welding Program - BOHLER EMK 8 Ø0,8mm M21 (Ar 15+25%CO2)
79.P1.23199	PulseDrive Welding Program - BOHLER EMK 8 Ø0,8mm M21 (Ar 15+25%CO2)
79.QP.23199	Quickpulse Welding Program - BOHLER EMK 8 Ø0,8mm M21 (Ar 15+25%CO2)
79.I2.00018	Full Welding Programs Package - BOHLER EMK 8 Ø1,0-1,2mm M21 (Ar 15+25% CO2)
79.S1.23299	ArcDrive Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.23299	RapiDeep Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.23299	PulseDrive Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15+25%CO2)
79.QP.23299	Quickpulse Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15+25%CO2)
79.S1.23399	ArcDrive Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15+25%CO2)
79.RD.23399	RapiDeep Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.23399	PulseDrive Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15+25%CO2)
79.QP.23399	Quickpulse Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15+25%CO2)
79.I2.00019	Full Welding Programs Package - Union NiMoCr Ø0,8mm M20 (Ar 5+15%CO2)
79.P1.21199	PulseDrive Welding Program - Union NiMoCr Ø0,8mm M20 (Ar 5+15%CO2)
79.QP.21199	Quickpulse Welding Program - Union NiMoCr Ø0,8mm M20 (Ar 5+15%CO2)
79.I2.00020	Full Welding Programs Package - Union NiMoCr Ø1,0-1,2mm M20 (Ar 5+15% CO2)
79.P1.21299	PulseDrive Welding Program - Union NiMoCr Ø1,0mm M20 (Ar 5+15%CO2)
79.QP.21299	Quickpulse Welding Program - Union NiMoCr Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.21399	PulseDrive Welding Program - Union NiMoCr Ø1,2mm M20 (Ar 5+15%CO2)
79.QP.21399	Quickpulse Welding Program - Union NiMoCr Ø1,2mm M20 (Ar 5+15%CO2)
79.I2.00021	Full Welding Programs Package - Union NiMoCr Ø0,8mm M21 (Ar 15+25%CO2)
79.P1.20799	PulseDrive Welding Program - Union NiMoCr Ø0,8mm M21 (Ar 15+25%CO2)
79.QP.20799	Quickpulse Welding Program - Union NiMoCr Ø0,8mm M21 (Ar 15+25%CO2)
79.I2.00022	Full Welding Programs Package - Union NiMoCr Ø1,0-1,2mm M21 (Ar 15+25% CO2)
79.P1.20899	PulseDrive Welding Program - Union NiMoCr Ø1,0mm M21 (Ar 15+25%CO2)
79.QP.20899	Quickpulse Welding Program - Union NiMoCr Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.20999	PulseDrive Welding Program - Union NiMoCr Ø1,2mm M21 (Ar 15+25%CO2)
79.QP.20999	Quickpulse Welding Program - Union NiMoCr Ø1,2mm M21 (Ar 15+25%CO2)

	Description
79.I2.00023	Full Welding Programs Package - BOHLER X 70 IG Ø0,8mm M20 (Ar 5÷15%CO2)
79.P1.21999	PulseDrive Welding Program - BOHLER X 70 IG Ø0,8mm M20 (Ar 5÷15%CO2)
79.QP.21999	Quickpulse Welding Program - BOHLER X 70 IG Ø0,8mm M20 (Ar 5÷15%CO2)
79.I2.00024	Full Welding Programs Package - BOHLER X 70 IG Ø1,0-1,2mm M20 (Ar 5÷15% CO2)
79.P1.22099	PulseDrive Welding Program - BOHLER X 70 IG Ø1,0mm M20 (Ar 5÷15%CO2)
79.QP.22099	Quickpulse Welding Program - BOHLER X 70 IG Ø1,0mm M20 (Ar 5÷15%CO2)
79.P1.22199	PulseDrive Welding Program - BOHLER X 70 IG Ø1,2mm M20 (Ar 5÷15%CO2)
79.QP.22199	Quickpulse Welding Program - BOHLER X 70 IG Ø1,2mm M20 (Ar 5÷15%CO2)
79.I2.00025	Full Welding Programs Package - BOHLER X 70 IG Ø0,8mm M21 (Ar 15÷25%CO2)
79.P1.21599	PulseDrive Welding Program - BOHLER X 70 IG Ø0,8mm M21 (Ar 15÷25%CO2)
79.QP.21599	Quickpulse Welding Program - BOHLER X 70 IG Ø0,8mm M21 (Ar 15÷25%CO2)
79.I2.00026	Full Welding Programs Package - BOHLER X 70 IG Ø1,0-1,2mm M21 (Ar 15÷25% CO2)
79.P1.21699	PulseDrive Welding Program - BOHLER X 70 IG Ø1,0mm M21 (Ar 15÷25%CO2)
79.QP.21699	Quickpulse Welding Program - BOHLER X 70 IG Ø1,0mm M21 (Ar 15÷25%CO2)
79.P1.21799	PulseDrive Welding Program - BOHLER X 70 IG Ø1,2mm M21 (Ar 15÷25%CO2)
79.QP.21799	Quickpulse Welding Program - BOHLER X 70 IG Ø1,2mm M21 (Ar 15÷25%CO2)
79.I2.00027	Full Welding Programs Package - Union X 85 Ø0,8mm M20 (Ar 5÷15%CO2)
79.P1.22799	PulseDrive Welding Program - Union X 85 Ø0,8mm M20 (Ar 5÷15%CO2)
79.QP.22799	Quickpulse Welding Program - Union X 85 Ø0,8mm M20 (Ar 5÷15%CO2)
79.I2.00028	Full Welding Programs Package - Union X 85 Ø1,0-1,2mm M20 (Ar 5÷15%CO2)
79.P1.22899	PulseDrive Welding Program - Union X 85 Ø1,0mm M20 (Ar 5÷15%CO2)
79.QP.22899	Quickpulse Welding Program - Union X 85 Ø1,0mm M20 (Ar 5÷15%CO2)
79.P1.22999	PulseDrive Welding Program - Union X 85 Ø1,2mm M20 (Ar 5÷15%CO2)
79.QP.22999	Quickpulse Welding Program - Union X 85 Ø1,2mm M20 (Ar 5÷15%CO2)
79.I2.00029	Full Welding Programs Package - Union X 85 Ø0,8mm M21 (Ar 15÷25%CO2)
79.P1.22399	PulseDrive Welding Program - Union X 85 Ø0,8mm M21 (Ar 15÷25%CO2)
79.QP.22399	Quickpulse Welding Program - Union X 85 Ø0,8mm M21 (Ar 15÷25%CO2)
79.I2.00030	Full Welding Programs Package - Union X 85 Ø1,0-1,2mm M21 (Ar 15÷25%CO2)
79.P1.22499	PulseDrive Welding Program - Union X 85 Ø1,0mm M21 (Ar 15÷25%CO2)
79.QP.22499	Quickpulse Welding Program - Union X 85 Ø1,0mm M21 (Ar 15÷25%CO2)
79.P1.22599	PulseDrive Welding Program - Union X 85 Ø1,2mm M21 (Ar 15÷25%CO2)
79.QP.22599	Quickpulse Welding Program - Union X 85 Ø1,2mm M21 (Ar 15÷25%CO2)
79.I2.00031	Full Welding Programs Package - Union X 90 Ø0,8mm M20 (Ar 5÷15%CO2)
79.P1.24399	PulseDrive Welding Program - Union X 90 Ø0,8mm M20 (Ar 5÷15%CO2)
79.QP.24399	Quickpulse Welding Program - Union X 90 Ø0,8mm M20 (Ar 5÷15%CO2)
79.I2.00032	Full Welding Programs Package - Union X 90 Ø1,0-1,2mm M20 (Ar 5÷15%CO2)
79.P1.24499	PulseDrive Welding Program - Union X 90 Ø1,0mm M20 (Ar 5÷15%CO2)
79.QP.24499	Quickpulse Welding Program - Union X 90 Ø1,0mm M20 (Ar 5÷15%CO2)
79.P1.24599	PulseDrive Welding Program - Union X 90 Ø1,2mm M20 (Ar 5÷15%CO2)
79.QP.24599	Quickpulse Welding Program - Union X 90 Ø1,2mm M20 (Ar 5÷15%CO2)
79.I2.00033	Full Welding Programs Package - Union X 90 Ø0,8mm M21 (Ar 15÷25%CO2)
79.P1.23999	PulseDrive Welding Program - Union X 90 Ø0,8mm M21 (Ar 15÷25%CO2)
79.QP.23999	Quickpulse Welding Program - Union X 90 Ø0,8mm M21 (Ar 15÷25%CO2)
79.I2.00034	Full Welding Programs Package - Union X 90 Ø1,0-1,2mm M21 (Ar 15÷25%CO2)
79.P1.24099	PulseDrive Welding Program - Union X 90 Ø1,0mm M21 (Ar 15÷25%CO2)
79.QP.24099	Quickpulse Welding Program - Union X 90 Ø1,0mm M21 (Ar 15÷25%CO2)
79.P1.24199	PulseDrive Welding Program - Union X 90 Ø1,2mm M21 (Ar 15÷25%CO2)
79.QP.24199	Quickpulse Welding Program - Union X 90 Ø1,2mm M21 (Ar 15÷25%CO2)
79.I2.00035	Full Welding Programs Package - Union X 96 Ø0,8mm M20 (Ar 5÷15%CO2)
79.P1.25199	PulseDrive Welding Program - Union X 96 Ø0,8mm M20 (Ar 5÷15%CO2)
79.QP.25199	Quickpulse Welding Program - Union X 96 Ø0,8mm M20 (Ar 5÷15%CO2)

	Description
79.I2.00036	Full Welding Programs Package - Union X 96 Ø1,0-1,2mm M20 (Ar 5÷15%CO2)
79.P1.25299	PulseDrive Welding Program - Union X 96 Ø1,0mm M20 (Ar 5÷15%CO2)
79.QP.25299	Quickpulse Welding Program - Union X 96 Ø1,0mm M20 (Ar 5÷15%CO2)
79.P1.25399	PulseDrive Welding Program - Union X 96 Ø1,2mm M20 (Ar 5÷15%CO2)
79.QP.25399	Quickpulse Welding Program - Union X 96 Ø1,2mm M20 (Ar 5÷15%CO2)
79.I2.00037	Full Welding Programs Package - Union X 96 Ø0,8mm M21 (Ar 15÷25%CO2)
79.P1.24799	PulseDrive Welding Program - Union X 96 Ø0,8mm M21 (Ar 15÷25%CO2)
79.QP.24799	Quickpulse Welding Program - Union X 96 Ø0,8mm M21 (Ar 15÷25%CO2)
79.I2.00038	Full Welding Programs Package - Union X 96 Ø1,0-1,2mm M21 (Ar 15÷25%CO2)
79.P1.24899	PulseDrive Welding Program - Union X 96 Ø1,0mm M21 (Ar 15÷25%CO2)
79.QP.24899	Quickpulse Welding Program - Union X 96 Ø1,0mm M21 (Ar 15÷25%CO2)
79.P1.24999	PulseDrive Welding Program - Union X 96 Ø1,2mm M21 (Ar 15÷25%CO2)
79.QP.24999	Quickpulse Welding Program - Union X 96 Ø1,2mm M21 (Ar 15÷25%CO2)
79.I2.00039	Full Welding Programs Package - UTP Hardfacing MCW pack
79.S1.26399	ArcDrive Welding Program - UTP AF ROBOTIC 554 Ø1,6mm M21 (Ar 15÷25%CO2)
79.P1.26399	PulseDrive Welding Program - UTP AF ROBOTIC 554 Ø1,6mm M21 (Ar 15÷25% CO2)
79.S1.26799	ArcDrive Welding Program - UTP AF ROBOTIC 352 Ø1.6mm M21 (Ar 15÷25%CO2)
79.P1.26799	PulseDrive Welding Program - UTP AF ROBOTIC 352 Ø1.6mm M21 (Ar 15÷25% CO2)
79.S1.26999	ArcDrive Welding Program - UTP AF ROBOTIC 601 Ø1.6mm M21 (Ar 15÷25%CO2)
79.P1.26999	PulseDrive Welding Program - UTP AF ROBOTIC 601 Ø1.6mm M21 (Ar 15÷25% CO2)
79.S1.27199	ArcDrive Welding Program - UTP AF ROBOTIC 603 Ø1.6mm M21 (Ar 15÷25%CO2)
79.P1.27199	PulseDrive Welding Program - UTP AF ROBOTIC 603 Ø1.6mm M21 (Ar 15÷25% CO2)
79.S1.27399	ArcDrive Welding Program - UTP AF ROBOTIC 6010 Ø1.6mm M21 (Ar 15÷25%CO2)
79.P1.27399	PulseDrive Welding Program - UTP AF ROBOTIC 6010 Ø1.6mm M21 (Ar 15÷25% CO2)
79.I1.00001	Full Welding Programs Package - diamondspark 52 MC + diamondspark 700 MC Ø1,0-1,2mm M20 (Ar 5÷15%CO2)
79.S1.20299	ArcDrive Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5÷15%CO2)
79.RD.20299	RapiDeep Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5÷15%CO2)
79.P1.20299	PulseDrive Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5÷15%CO2)
79.QP.20299	Quickpulse Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5÷15%CO2)
79.S1.20399	ArcDrive Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5÷15%CO2)
79.RD.20399	RapiDeep Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5÷15%CO2)
79.P1.20399	PulseDrive Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5÷15%CO2)
79.QP.20399	Quickpulse Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5÷15%CO2)
79.S1.17499	ArcDrive Welding Program - diamondspark 700 MC Ø1,0mm M20 (Ar 5÷15%CO2)
79.RD.17499	RapiDeep Welding Program - diamondspark 700 MC Ø1,0mm M20 (Ar 5÷15%CO2)
79.P1.17499	PulseDrive Welding Program - diamondspark 700 MC Ø1,0mm M20 (Ar 5÷15% CO2)
79.QP.17499	Quickpulse Welding Program - diamondspark 700 MC Ø1,0mm M20 (Ar 5÷15% CO2)
79.S1.17599	ArcDrive Welding Program - diamondspark 700 MC Ø1,2mm M20 (Ar 5÷15%CO2)
79.RD.17599	RapiDeep Welding Program - diamondspark 700 MC Ø1,2mm M20 (Ar 5÷15%CO2)
79.P1.17599	PulseDrive Welding Program - diamondspark 700 MC Ø1,2mm M20 (Ar 5÷15% CO2)
79.QP.17599	Quickpulse Welding Program - diamondspark 700 MC Ø1,2mm M20 (Ar 5÷15% CO2)
79.I1.00002	Full Welding Programs Package - diamondspark 52 MC + diamondspark 700 MC Ø1,0-1,2mm M21 (Ar 15÷25%CO2)
79.S1.03199	ArcDrive Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15÷25%CO2)
79.RD.03199	RapiDeep Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15÷25%CO2)
79.P1.03199	PulseDrive Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15÷25% CO2)
79.QP.03199	Quickpulse Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15÷25% CO2)
79.S1.03298	ArcDrive Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15÷25%CO2)
79.RD.03298	RapiDeep Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15÷25%CO2)
79.P1.03298	PulseDrive Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15÷25% CO2)
79.QP.03298	Quickpulse Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15÷25% CO2)
79.S1.17099	ArcDrive Welding Program - diamondspark 700 MC Ø1,0mm M21 (Ar 15÷25%CO2)
79.RD.17099	RapiDeep Welding Program - diamondspark 700 MC Ø1,0mm M21 (Ar 15÷25%CO2)
79.P1.17099	PulseDrive Welding Program - diamondspark 700 MC Ø1,0mm M21 (Ar 15÷25% CO2)
79.QP.17099	Quickpulse Welding Program - diamondspark 700 MC Ø1,0mm M21 (Ar 15÷25% CO2)
79.S1.17199	ArcDrive Welding Program - diamondspark 700 MC Ø1,2mm M21 (Ar 15÷25%CO2)
79.RD.17199	RapiDeep Welding Program - diamondspark 700 MC Ø1,2mm M21 (Ar 15÷25%CO2)
79.P1.17199	PulseDrive Welding Program - diamondspark 700 MC Ø1,2mm M21 (Ar 15÷25% CO2)
79.QP.17199	Quickpulse Welding Program - diamondspark 700 MC Ø1,2mm M21 (Ar 15÷25% CO2)

Description	
79.11.00003	Full Welding Programs Package - diamondspark 52 MC + diamondspark 900 MC Ø1,0-1,2mm M20 (Ar 5+15%CO2)
79.S1.20299	ArcDrive Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.RD.20299	RapiDeep Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.20299	PulseDrive Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.QP.20299	Quickpulse Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.S1.20399	ArcDrive Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.RD.20399	RapiDeep Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.20399	PulseDrive Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.QP.20399	Quickpulse Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.S1.18299	ArcDrive Welding Program - diamondspark 900 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.RD.18299	RapiDeep Welding Program - diamondspark 900 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.18299	PulseDrive Welding Program - diamondspark 900 MC Ø1,0mm M20 (Ar 5+15% CO2)
79.QP.18299	Quickpulse Welding Program - diamondspark 900 MC Ø1,0mm M20 (Ar 5+15% CO2)
79.S1.18399	ArcDrive Welding Program - diamondspark 900 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.RD.18399	RapiDeep Welding Program - diamondspark 900 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.18399	PulseDrive Welding Program - diamondspark 900 MC Ø1,2mm M20 (Ar 5+15% CO2)
79.QP.18399	Quickpulse Welding Program - diamondspark 900 MC Ø1,2mm M20 (Ar 5+15% CO2)
79.11.00004	Full Welding Programs Package - diamondspark 52 MC + diamondspark 900 MC Ø1,0-1,2mm M21 (Ar 15+25%CO2)
79.S1.03199	ArcDrive Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.03199	RapiDeep Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.03199	PulseDrive Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25% CO2)
79.QP.03199	Quickpulse Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25% CO2)
79.S1.03298	ArcDrive Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25%CO2)
79.RD.03298	RapiDeep Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.03298	PulseDrive Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25% CO2)
79.QP.03298	Quickpulse Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25% CO2)
79.S1.17899	ArcDrive Welding Program - diamondspark 900 MC Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.17899	RapiDeep Welding Program - diamondspark 900 MC Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.17899	PulseDrive Welding Program - diamondspark 900 MC Ø1,0mm M21 (Ar 15+25% CO2)
79.QP.17899	Quickpulse Welding Program - diamondspark 900 MC Ø1,0mm M21 (Ar 15+25% CO2)
79.S1.17999	ArcDrive Welding Program - diamondspark 900 MC Ø1,2mm M21 (Ar 15+25%CO2)
79.RD.17999	RapiDeep Welding Program - diamondspark 900 MC Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.17999	PulseDrive Welding Program - diamondspark 900 MC Ø1,2mm M21 (Ar 15+25% CO2)
79.QP.17999	Quickpulse Welding Program - diamondspark 900 MC Ø1,2mm M21 (Ar 15+25% CO2)
79.11.00005	Full Welding Programs Package - diamondspark 52 MC + diamondspark 960 MC Ø1,0-1,2mm M20 (Ar 5+15%CO2)
79.S1.20299	ArcDrive Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.RD.20299	RapiDeep Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.20299	PulseDrive Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.QP.20299	Quickpulse Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.S1.20399	ArcDrive Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.RD.20399	RapiDeep Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.20399	PulseDrive Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.QP.20399	Quickpulse Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.S1.19099	ArcDrive Welding Program - diamondspark 960 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.RD.19099	RapiDeep Welding Program - diamondspark 960 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.19099	PulseDrive Welding Program - diamondspark 960 MC Ø1,0mm M20 (Ar 5+15% CO2)
79.QP.19099	Quickpulse Welding Program - diamondspark 960 MC Ø1,0mm M20 (Ar 5+15% CO2)
79.S1.19199	ArcDrive Welding Program - diamondspark 960 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.RD.19199	RapiDeep Welding Program - diamondspark 960 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.19199	PulseDrive Welding Program - diamondspark 960 MC Ø1,2mm M20 (Ar 5+15% CO2)
79.QP.19199	Quickpulse Welding Program - diamondspark 960 MC Ø1,2mm M20 (Ar 5+15% CO2)

	Description
79.I1.00006	Full Welding Programs Package - diamondspark 52 MC + diamondspark 960 MC Ø1,0-1,2mm M21 (Ar 15+25%CO2)
79.S1.03199	ArcDrive Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.03199	RapiDeep Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.03199	PulseDrive Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25% CO2)
79.QP.03199	Quickpulse Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25% CO2)
79.S1.03298	ArcDrive Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25%CO2)
79.RD.03298	RapiDeep Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.03298	PulseDrive Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25% CO2)
79.QP.03298	Quickpulse Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25% CO2)
79.S1.18699	ArcDrive Welding Program - diamondspark 960 MC Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.18699	RapiDeep Welding Program - diamondspark 960 MC Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.18699	PulseDrive Welding Program - diamondspark 960 MC Ø1,0mm M21 (Ar 15+25% CO2)
79.QP.18699	Quickpulse Welding Program - diamondspark 960 MC Ø1,0mm M21 (Ar 15+25% CO2)
79.S1.18799	ArcDrive Welding Program - diamondspark 960 MC Ø1,2mm M21 (Ar 15+25%CO2)
79.RD.18799	RapiDeep Welding Program - diamondspark 960 MC Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.18799	PulseDrive Welding Program - diamondspark 960 MC Ø1,2mm M21 (Ar 15+25% CO2)
79.QP.18799	Quickpulse Welding Program - diamondspark 960 MC Ø1,2mm M21 (Ar 15+25% CO2)
79.I1.00007	Full Welding Programs Package - diamondspark 52 MC + diamondspark 1100 MC Ø1,0-1,2mm M20 (Ar 5+15%CO2)
79.S1.20299	ArcDrive Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.RD.20299	RapiDeep Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.20299	PulseDrive Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.QP.20299	Quickpulse Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.S1.20399	ArcDrive Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.RD.20399	RapiDeep Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.20399	PulseDrive Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.QP.20399	Quickpulse Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.S1.19899	ArcDrive Welding Program - diamondspark 1100 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.RD.19899	RapiDeep Welding Program - diamondspark 1100 MC Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.19899	PulseDrive Welding Program - diamondspark 1100 MC Ø1,0mm M20 (Ar 5+15% CO2)
79.QP.19899	Quickpulse Welding Program - diamondspark 1100 MC Ø1,0mm M20 (Ar 5+15% CO2)
79.S1.19999	ArcDrive Welding Program - diamondspark 1100 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.RD.19999	RapiDeep Welding Program - diamondspark 1100 MC Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.19999	PulseDrive Welding Program - diamondspark 1100 MC Ø1,2mm M20 (Ar 5+15% CO2)
79.QP.19999	Quickpulse Welding Program - diamondspark 1100 MC Ø1,2mm M20 (Ar 5+15% CO2)
79.I1.00008	Full Welding Programs Package - diamondspark 52 MC + diamondspark 1100 MC Ø1,0-1,2mm M21 (Ar 15+25%CO2)
79.S1.03199	ArcDrive Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.03199	RapiDeep Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.03199	PulseDrive Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25% CO2)
79.QP.03199	Quickpulse Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15+25% CO2)
79.S1.03298	ArcDrive Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25%CO2)
79.RD.03298	RapiDeep Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.03298	PulseDrive Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25% CO2)
79.QP.03298	Quickpulse Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15+25% CO2)
79.S1.19499	ArcDrive Welding Program - diamondspark 1100 MC Ø1,0mm M21 (Ar 15+25% CO2)
79.RD.19499	RapiDeep Welding Program - diamondspark 1100 MC Ø1,0mm M21 (Ar 15+25% CO2)
79.P1.19499	PulseDrive Welding Program - diamondspark 1100 MC Ø1,0mm M21 (Ar 15+25% CO2)
79.QP.19499	Quickpulse Welding Program - diamondspark 1100 MC Ø1,0mm M21 (Ar 15+25% CO2)
79.S1.19599	ArcDrive Welding Program - diamondspark 1100 MC Ø1,2mm M21 (Ar 15+25% CO2)
79.RD.19599	RapiDeep Welding Program - diamondspark 1100 MC Ø1,2mm M21 (Ar 15+25% CO2)
79.P1.19599	PulseDrive Welding Program - diamondspark 1100 MC Ø1,2mm M21 (Ar 15+25% CO2)
79.QP.19599	Quickpulse Welding Program - diamondspark 1100 MC Ø1,2mm M21 (Ar 15+25% CO2)

Description	
79.I1.00009	Full Welding Programs Package - BOHLER EMK 6 + Union NiMoCr Ø1,0-1,2mm M20 (Ar 5+15%CO2)
79.S1.01399	ArcDrive Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5+15%CO2)
79.RD.01399	RapiDeep Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.01399	PulseDrive Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5+15%CO2)
79.QP.01399	Quickpulse Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5+15%CO2)
79.S1.01499	ArcDrive Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5+15%CO2)
79.RD.01499	RapiDeep Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.01499	PulseDrive Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5+15%CO2)
79.QP.01499	Quickpulse Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.21299	PulseDrive Welding Program - Union NiMoCr Ø1,0mm M20 (Ar 5+15%CO2)
79.QP.21299	Quickpulse Welding Program - Union NiMoCr Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.21399	PulseDrive Welding Program - Union NiMoCr Ø1,2mm M20 (Ar 5+15%CO2)
79.QP.21399	Quickpulse Welding Program - Union NiMoCr Ø1,2mm M20 (Ar 5+15%CO2)
79.I1.00010	Full Welding Programs Package - BOHLER EMK 6 + Union NiMoCr Ø1,0-1,2mm M21 (Ar 15+25%CO2)
79.S1.00899	ArcDrive Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.00899	RapiDeep Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.00899	PulseDrive Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15+25%CO2)
79.QP.00899	Quickpulse Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15+25%CO2)
79.S1.00999	ArcDrive Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15+25%CO2)
79.RD.00999	RapiDeep Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.00999	PulseDrive Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15+25%CO2)
79.QP.00999	Quickpulse Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.20899	PulseDrive Welding Program - Union NiMoCr Ø1,0mm M21 (Ar 15+25%CO2)
79.QP.20899	Quickpulse Welding Program - Union NiMoCr Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.20999	PulseDrive Welding Program - Union NiMoCr Ø1,2mm M21 (Ar 15+25%CO2)
79.QP.20999	Quickpulse Welding Program - Union NiMoCr Ø1,2mm M21 (Ar 15+25%CO2)
79.I1.00011	Full Welding Programs Package - BOHLER EMK 6 + BOHLER X 70 IG Ø1,0-1,2mm M20 (Ar 5+15%CO2)
79.S1.01399	ArcDrive Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5+15%CO2)
79.RD.01399	RapiDeep Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.01399	PulseDrive Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5+15%CO2)
79.QP.01399	Quickpulse Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5+15%CO2)
79.S1.01499	ArcDrive Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5+15%CO2)
79.RD.01499	RapiDeep Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.01499	PulseDrive Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5+15%CO2)
79.QP.01499	Quickpulse Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.22099	PulseDrive Welding Program - BOHLER X 70 IG Ø1,0mm M20 (Ar 5+15%CO2)
79.QP.22099	Quickpulse Welding Program - BOHLER X 70 IG Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.22199	PulseDrive Welding Program - BOHLER X 70 IG Ø1,2mm M20 (Ar 5+15%CO2)
79.QP.22199	Quickpulse Welding Program - BOHLER X 70 IG Ø1,2mm M20 (Ar 5+15%CO2)
79.I1.00012	Full Welding Programs Package - BOHLER EMK 6 + BOHLER X 70 IG Ø1,0-1,2mm M21 (Ar 15+25%CO2)
79.S1.00899	ArcDrive Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.00899	RapiDeep Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.00899	PulseDrive Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15+25%CO2)
79.QP.00899	Quickpulse Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15+25%CO2)
79.S1.00999	ArcDrive Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15+25%CO2)
79.RD.00999	RapiDeep Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.00999	PulseDrive Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15+25%CO2)
79.QP.00999	Quickpulse Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.21699	PulseDrive Welding Program - BOHLER X 70 IG Ø1,0mm M21 (Ar 15+25%CO2)
79.QP.21699	Quickpulse Welding Program - BOHLER X 70 IG Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.21799	PulseDrive Welding Program - BOHLER X 70 IG Ø1,2mm M21 (Ar 15+25%CO2)
79.QP.21799	Quickpulse Welding Program - BOHLER X 70 IG Ø1,2mm M21 (Ar 15+25%CO2)

	Description
79.I1.00013	Full Welding Programs Package - BOHLER EMK 6 + Union X 85 Ø1,0-1,2mm M20 (Ar 5+15%CO2)
79.S1.01399	ArcDrive Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5+15%CO2)
79.RD.01399	RapiDeep Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.01399	PulseDrive Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5+15%CO2)
79.QP.01399	Quickpulse Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5+15%CO2)
79.S1.01499	ArcDrive Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5+15%CO2)
79.RD.01499	RapiDeep Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.01499	PulseDrive Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5+15%CO2)
79.QP.01499	Quickpulse Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.22899	PulseDrive Welding Program - Union X 85 Ø1,0mm M20 (Ar 5+15%CO2)
79.QP.22899	Quickpulse Welding Program - Union X 85 Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.22999	PulseDrive Welding Program - Union X 85 Ø1,2mm M20 (Ar 5+15%CO2)
79.QP.22999	Quickpulse Welding Program - Union X 85 Ø1,2mm M20 (Ar 5+15%CO2)
79.I1.00014	Full Welding Programs Package - BOHLER EMK 6 + Union X 85 Ø1,0-1,2mm M21 (Ar 15+25%CO2)
79.S1.00899	ArcDrive Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.00899	RapiDeep Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.00899	PulseDrive Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15+25%CO2)
79.QP.00899	Quickpulse Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15+25%CO2)
79.S1.00999	ArcDrive Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15+25%CO2)
79.RD.00999	RapiDeep Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.00999	PulseDrive Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15+25%CO2)
79.QP.00999	Quickpulse Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.22499	PulseDrive Welding Program - Union X 85 Ø1,0mm M21 (Ar 15+25%CO2)
79.QP.22499	Quickpulse Welding Program - Union X 85 Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.22599	PulseDrive Welding Program - Union X 85 Ø1,2mm M21 (Ar 15+25%CO2)
79.QP.22599	Quickpulse Welding Program - Union X 85 Ø1,2mm M21 (Ar 15+25%CO2)
79.I1.00015	Full Welding Programs Package - BOHLER EMK 6 + Union X 90 Ø1,0-1,2mm M20 (Ar 5+15%CO2)
79.S1.01399	ArcDrive Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5+15%CO2)
79.RD.01399	RapiDeep Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.01399	PulseDrive Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5+15%CO2)
79.QP.01399	Quickpulse Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5+15%CO2)
79.S1.01499	ArcDrive Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5+15%CO2)
79.RD.01499	RapiDeep Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.01499	PulseDrive Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5+15%CO2)
79.QP.01499	Quickpulse Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.24499	PulseDrive Welding Program - Union X 90 Ø1,0mm M20 (Ar 5+15%CO2)
79.QP.24499	Quickpulse Welding Program - Union X 90 Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.24599	PulseDrive Welding Program - Union X 90 Ø1,2mm M20 (Ar 5+15%CO2)
79.QP.24599	Quickpulse Welding Program - Union X 90 Ø1,2mm M20 (Ar 5+15%CO2)
79.I1.00016	Full Welding Programs Package - BOHLER EMK 6 + Union X 90 Ø1,0-1,2mm M21 (Ar 15+25%CO2)
79.S1.00899	ArcDrive Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.00899	RapiDeep Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.00899	PulseDrive Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15+25%CO2)
79.QP.00899	Quickpulse Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15+25%CO2)
79.S1.00999	ArcDrive Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15+25%CO2)
79.RD.00999	RapiDeep Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.00999	PulseDrive Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15+25%CO2)
79.QP.00999	Quickpulse Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.24099	PulseDrive Welding Program - Union X 90 Ø1,0mm M21 (Ar 15+25%CO2)
79.QP.24099	Quickpulse Welding Program - Union X 90 Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.24199	PulseDrive Welding Program - Union X 90 Ø1,2mm M21 (Ar 15+25%CO2)
79.QP.24199	Quickpulse Welding Program - Union X 90 Ø1,2mm M21 (Ar 15+25%CO2)

Description	
79.I1.00017	Full Welding Programs Package - BOHLER EMK 6 + Union X 96 Ø1,0-1,2mm M20 (Ar 5÷15%CO2)
79.S1.01399	ArcDrive Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5÷15%CO2)
79.RD.01399	RapiDeep Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5÷15%CO2)
79.P1.01399	PulseDrive Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5÷15%CO2)
79.QP.01399	Quickpulse Welding Program - BOHLER EMK 6 Ø1,0mm M20 (Ar 5÷15%CO2)
79.S1.01499	ArcDrive Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5÷15%CO2)
79.RD.01499	RapiDeep Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5÷15%CO2)
79.P1.01499	PulseDrive Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5÷15%CO2)
79.QP.01499	Quickpulse Welding Program - BOHLER EMK 6 Ø1,2mm M20 (Ar 5÷15%CO2)
79.P1.25299	PulseDrive Welding Program - Union X 96 Ø1,0mm M20 (Ar 5÷15%CO2)
79.QP.25299	Quickpulse Welding Program - Union X 96 Ø1,0mm M20 (Ar 5÷15%CO2)
79.P1.25399	PulseDrive Welding Program - Union X 96 Ø1,2mm M20 (Ar 5÷15%CO2)
79.QP.25399	Quickpulse Welding Program - Union X 96 Ø1,2mm M20 (Ar 5÷15%CO2)
79.I1.00018	Full Welding Programs Package - BOHLER EMK 6 + Union X 96 Ø1,0-1,2mm M21 (Ar 15÷25%CO2)
79.S1.00899	ArcDrive Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15÷25%CO2)
79.RD.00899	RapiDeep Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15÷25%CO2)
79.P1.00899	PulseDrive Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15÷25%CO2)
79.QP.00899	Quickpulse Welding Program - BOHLER EMK 6 Ø1,0mm M21 (Ar 15÷25%CO2)
79.S1.00999	ArcDrive Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15÷25%CO2)
79.RD.00999	RapiDeep Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15÷25%CO2)
79.P1.00999	PulseDrive Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15÷25%CO2)
79.QP.00999	Quickpulse Welding Program - BOHLER EMK 6 Ø1,2mm M21 (Ar 15÷25%CO2)
79.P1.24899	PulseDrive Welding Program - Union X 96 Ø1,0mm M21 (Ar 15÷25%CO2)
79.QP.24899	Quickpulse Welding Program - Union X 96 Ø1,0mm M21 (Ar 15÷25%CO2)
79.P1.24999	PulseDrive Welding Program - Union X 96 Ø1,2mm M21 (Ar 15÷25%CO2)
79.QP.24999	Quickpulse Welding Program - Union X 96 Ø1,2mm M21 (Ar 15÷25%CO2)
79.I1.00019	Full Welding Programs Package - BOHLER EMK 8 + Union NiMoCr Ø1,0-1,2mm M20 (Ar 5÷15%CO2)
79.S1.23699	ArcDrive Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5÷15%CO2)
79.RD.23699	RapiDeep Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5÷15%CO2)
79.P1.23699	PulseDrive Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5÷15%CO2)
79.QP.23699	Quickpulse Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5÷15%CO2)
79.S1.23799	ArcDrive Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5÷15%CO2)
79.RD.23799	RapiDeep Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5÷15%CO2)
79.P1.23799	PulseDrive Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5÷15%CO2)
79.QP.23799	Quickpulse Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5÷15%CO2)
79.P1.21299	PulseDrive Welding Program - Union NiMoCr Ø1,0mm M20 (Ar 5÷15%CO2)
79.QP.21299	Quickpulse Welding Program - Union NiMoCr Ø1,0mm M20 (Ar 5÷15%CO2)
79.P1.21399	PulseDrive Welding Program - Union NiMoCr Ø1,2mm M20 (Ar 5÷15%CO2)
79.QP.21399	Quickpulse Welding Program - Union NiMoCr Ø1,2mm M20 (Ar 5÷15%CO2)
79.I1.00020	Full Welding Programs Package - BOHLER EMK 8 + Union NiMoCr Ø1,0-1,2mm M21 (Ar 15÷25%CO2)
79.S1.23299	ArcDrive Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15÷25%CO2)
79.RD.23299	RapiDeep Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15÷25%CO2)
79.P1.23299	PulseDrive Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15÷25%CO2)
79.QP.23299	Quickpulse Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15÷25%CO2)
79.S1.23399	ArcDrive Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15÷25%CO2)
79.RD.23399	RapiDeep Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15÷25%CO2)
79.P1.23399	PulseDrive Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15÷25%CO2)
79.QP.23399	Quickpulse Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15÷25%CO2)
79.P1.20899	PulseDrive Welding Program - Union NiMoCr Ø1,0mm M21 (Ar 15÷25%CO2)
79.QP.20899	Quickpulse Welding Program - Union NiMoCr Ø1,0mm M21 (Ar 15÷25%CO2)
79.P1.20999	PulseDrive Welding Program - Union NiMoCr Ø1,2mm M21 (Ar 15÷25%CO2)
79.QP.20999	Quickpulse Welding Program - Union NiMoCr Ø1,2mm M21 (Ar 15÷25%CO2)

	Description
79.I1.00021	Full Welding Programs Package - BOHLER EMK 8 + BOHLER X 70 IG Ø1,0-1,2mm M20 (Ar 5+15%CO2)
79.S1.23699	ArcDrive Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5+15%CO2)
79.RD.23699	RapiDeep Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.23699	PulseDrive Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5+15%CO2)
79.QP.23699	Quickpulse Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5+15%CO2)
79.S1.23799	ArcDrive Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5+15%CO2)
79.RD.23799	RapiDeep Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.23799	PulseDrive Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5+15%CO2)
79.QP.23799	Quickpulse Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.22099	PulseDrive Welding Program - BOHLER X 70 IG Ø1,0mm M20 (Ar 5+15%CO2)
79.QP.22099	Quickpulse Welding Program - BOHLER X 70 IG Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.22199	PulseDrive Welding Program - BOHLER X 70 IG Ø1,2mm M20 (Ar 5+15%CO2)
79.QP.22199	Quickpulse Welding Program - BOHLER X 70 IG Ø1,2mm M20 (Ar 5+15%CO2)
79.I1.00022	Full Welding Programs Package - BOHLER EMK 8 + BOHLER X 70 IG Ø1,0-1,2mm M21 (Ar 15+25%CO2)
79.S1.23299	ArcDrive Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.23299	RapiDeep Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.23299	PulseDrive Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15+25%CO2)
79.QP.23299	Quickpulse Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15+25%CO2)
79.S1.23399	ArcDrive Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15+25%CO2)
79.RD.23399	RapiDeep Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.23399	PulseDrive Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15+25%CO2)
79.QP.23399	Quickpulse Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.21699	PulseDrive Welding Program - BOHLER X 70 IG Ø1,0mm M21 (Ar 15+25%CO2)
79.QP.21699	Quickpulse Welding Program - BOHLER X 70 IG Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.21799	PulseDrive Welding Program - BOHLER X 70 IG Ø1,2mm M21 (Ar 15+25%CO2)
79.QP.21799	Quickpulse Welding Program - BOHLER X 70 IG Ø1,2mm M21 (Ar 15+25%CO2)
79.I1.00023	Full Welding Programs Package - BOHLER EMK 8 + Union X 85 Ø1,0-1,2mm M20 (Ar 5+15%CO2)
79.S1.23699	ArcDrive Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5+15%CO2)
79.RD.23699	RapiDeep Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.23699	PulseDrive Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5+15%CO2)
79.QP.23699	Quickpulse Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5+15%CO2)
79.S1.23799	ArcDrive Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5+15%CO2)
79.RD.23799	RapiDeep Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.23799	PulseDrive Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5+15%CO2)
79.QP.23799	Quickpulse Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5+15%CO2)
79.P1.22899	PulseDrive Welding Program - Union X 85 Ø1,0mm M20 (Ar 5+15%CO2)
79.QP.22899	Quickpulse Welding Program - Union X 85 Ø1,0mm M20 (Ar 5+15%CO2)
79.P1.22999	PulseDrive Welding Program - Union X 85 Ø1,2mm M20 (Ar 5+15%CO2)
79.QP.22999	Quickpulse Welding Program - Union X 85 Ø1,2mm M20 (Ar 5+15%CO2)
79.I1.00024	Full Welding Programs Package - BOHLER EMK 8 + Union X 85 Ø1,0-1,2mm M21 (Ar 15+25%CO2)
79.S1.23299	ArcDrive Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15+25%CO2)
79.RD.23299	RapiDeep Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.23299	PulseDrive Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15+25%CO2)
79.QP.23299	Quickpulse Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15+25%CO2)
79.S1.23399	ArcDrive Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15+25%CO2)
79.RD.23399	RapiDeep Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.23399	PulseDrive Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15+25%CO2)
79.QP.23399	Quickpulse Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15+25%CO2)
79.P1.22499	PulseDrive Welding Program - Union X 85 Ø1,0mm M21 (Ar 15+25%CO2)
79.QP.22499	Quickpulse Welding Program - Union X 85 Ø1,0mm M21 (Ar 15+25%CO2)
79.P1.22599	PulseDrive Welding Program - Union X 85 Ø1,2mm M21 (Ar 15+25%CO2)
79.QP.22599	Quickpulse Welding Program - Union X 85 Ø1,2mm M21 (Ar 15+25%CO2)

Description	
79.I1.00025	Full Welding Programs Package - BOHLER EMK 8 + Union X 90 Ø1,0-1,2mm M20 (Ar 5÷15%CO2)
79.S1.23699	ArcDrive Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5÷15%CO2)
79.RD.23699	RapiDeep Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5÷15%CO2)
79.P1.23699	PulseDrive Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5÷15%CO2)
79.QP.23699	Quickpulse Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5÷15%CO2)
79.S1.23799	ArcDrive Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5÷15%CO2)
79.RD.23799	RapiDeep Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5÷15%CO2)
79.P1.23799	PulseDrive Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5÷15%CO2)
79.QP.23799	Quickpulse Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5÷15%CO2)
79.P1.24499	PulseDrive Welding Program - Union X 90 Ø1,0mm M20 (Ar 5÷15%CO2)
79.QP.24499	Quickpulse Welding Program - Union X 90 Ø1,0mm M20 (Ar 5÷15%CO2)
79.P1.24599	PulseDrive Welding Program - Union X 90 Ø1,2mm M20 (Ar 5÷15%CO2)
79.QP.24599	Quickpulse Welding Program - Union X 90 Ø1,2mm M20 (Ar 5÷15%CO2)
79.I1.00026	Full Welding Programs Package - BOHLER EMK 8 + Union X 90 Ø1,0-1,2mm M21 (Ar 15÷25%CO2)
79.S1.23299	ArcDrive Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15÷25%CO2)
79.RD.23299	RapiDeep Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15÷25%CO2)
79.P1.23299	PulseDrive Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15÷25%CO2)
79.QP.23299	Quickpulse Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15÷25%CO2)
79.S1.23399	ArcDrive Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15÷25%CO2)
79.RD.23399	RapiDeep Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15÷25%CO2)
79.P1.23399	PulseDrive Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15÷25%CO2)
79.QP.23399	Quickpulse Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15÷25%CO2)
79.P1.24099	PulseDrive Welding Program - Union X 90 Ø1,0mm M21 (Ar 15÷25%CO2)
79.QP.24099	Quickpulse Welding Program - Union X 90 Ø1,0mm M21 (Ar 15÷25%CO2)
79.P1.24199	PulseDrive Welding Program - Union X 90 Ø1,2mm M21 (Ar 15÷25%CO2)
79.QP.24199	Quickpulse Welding Program - Union X 90 Ø1,2mm M21 (Ar 15÷25%CO2)
79.I1.00027	Full Welding Programs Package - BOHLER EMK 8 + Union X 96 Ø1,0-1,2mm M20 (Ar 5÷15%CO2)
79.S1.23699	ArcDrive Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5÷15%CO2)
79.RD.23699	RapiDeep Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5÷15%CO2)
79.P1.23699	PulseDrive Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5÷15%CO2)
79.QP.23699	Quickpulse Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5÷15%CO2)
79.S1.23799	ArcDrive Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5÷15%CO2)
79.RD.23799	RapiDeep Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5÷15%CO2)
79.P1.23799	PulseDrive Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5÷15%CO2)
79.QP.23799	Quickpulse Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5÷15%CO2)
79.P1.25299	PulseDrive Welding Program - Union X 96 Ø1,0mm M20 (Ar 5÷15%CO2)
79.QP.25299	Quickpulse Welding Program - Union X 96 Ø1,0mm M20 (Ar 5÷15%CO2)
79.P1.25399	PulseDrive Welding Program - Union X 96 Ø1,2mm M20 (Ar 5÷15%CO2)
79.QP.25399	Quickpulse Welding Program - Union X 96 Ø1,2mm M20 (Ar 5÷15%CO2)
79.I1.00028	Full Welding Programs Package - BOHLER EMK 8 + Union X 96 Ø1,0-1,2mm M21 (Ar 15÷25%CO2)
79.S1.23299	ArcDrive Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15÷25%CO2)
79.RD.23299	RapiDeep Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15÷25%CO2)
79.P1.23299	PulseDrive Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15÷25%CO2)
79.QP.23299	Quickpulse Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15÷25%CO2)
79.S1.23399	ArcDrive Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15÷25%CO2)
79.RD.23399	RapiDeep Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15÷25%CO2)
79.P1.23399	PulseDrive Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15÷25%CO2)
79.QP.23399	Quickpulse Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15÷25%CO2)
79.P1.24899	PulseDrive Welding Program - Union X 96 Ø1,0mm M21 (Ar 15÷25%CO2)
79.QP.24899	Quickpulse Welding Program - Union X 96 Ø1,0mm M21 (Ar 15÷25%CO2)
79.P1.24999	PulseDrive Welding Program - Union X 96 Ø1,2mm M21 (Ar 15÷25%CO2)
79.QP.24999	Quickpulse Welding Program - Union X 96 Ø1,2mm M21 (Ar 15÷25%CO2)

SELECTION GUIDE

Welding programs MIG/MAG

		URANOS 2000 SMC	URANOS NX 2200/2700 SMC Smart	URANOS NX 2200/2700 PMC/MTE	TERRA NX 320/400 SMC Smart	TERRA NX 320/400 SMC SteelDrive	TERRA NX 320/400 PMC SteelDrive	TERRA NX 320/400/500 MSE WF NX Smart	TERRA NX 320/400/500 MSE WF NX SteelDrive	TERRA NX 320/400/500 PME WF NX SteelDrive
79.S1.001	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,6mm C1 (CO2)	●	●							
79.S1.002	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm C1 (CO2)	●	●	●	●	●	●	●	●	●
79.S1.003	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm C1 (CO2)	●	●	●	●	●	●	●	●	●
79.S1.004	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm C1 (CO2)		●		●	●	●	●	●	●
79.S1.005	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm C1 (CO2)				●	●	●	●	●	●
79.S1.006	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,6mm M21 (Ar 15+25%CO2)	●	●							
79.S1.007	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M21 (Ar 15+25%CO2)	●	●	●	●	●	●	●	●	●
79.RD.007	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M21 (Ar 15+25%CO2)				●	●			●	●
79.P1.007	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M21 (Ar 15+25% CO2)			●			●			●
79.QP.007	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 0,8mm M21 (Ar 15+25%CO2)						●			●
79.S1.008	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M21 (Ar 15+25%CO2)	●	●	●	●	●	●	●	●	●
79.RD.008	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M21 (Ar 15+25%CO2)				●	●			●	●
79.P1.008	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M21 (Ar 15+25% CO2)			●			●			●
79.QP.008	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 1,0mm M21 (Ar 15+25%CO2)						●			●
79.S1.009	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M21 (Ar 15+25%CO2)		●	●	●	●	●	●	●	●
79.RD.009	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M21 (Ar 15+25%CO2)				●	●			●	●
79.P1.009	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M21 (Ar 15+25% CO2)			●			●			●
79.QP.009	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 1,2mm M21 (Ar 15+25%CO2)						●			●
79.S1.010	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M21 (Ar 15+25%CO2)				●	●	●	●	●	●
79.RD.010	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M21 (Ar 15+25%CO2)				●	●			●	●
79.P1.010	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M21 (Ar 15+25% CO2)						●			●
79.QP.010	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 1,6mm M21 (Ar 15+25%CO2)						●			●
79.S1.012	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M20 (Ar 5+15%CO2)	●				●	●		●	●
79.RD.012	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M20 (Ar 5+15%CO2)					●	●		●	●
79.P1.012	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø0,8mm M20 (Ar 5+15%CO2)						●			●
79.QP.012	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 0,8mm M20 (Ar 5+15%CO2)						●			●
79.S1.013	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M20 (Ar 5+15%CO2)	●				●	●		●	●
79.RD.013	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M20 (Ar 5+15%CO2)					●	●		●	●
79.P1.013	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,0mm M20 (Ar 5+15%CO2)						●			●
79.QP.013	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 1,0mm M20 (Ar 5+15%CO2)						●			●
79.S1.014	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M20 (Ar 5+15%CO2)					●	●		●	●
79.RD.014	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M20 (Ar 5+15%CO2)					●	●		●	●
79.P1.014	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,2mm M20 (Ar 5+15%CO2)						●			●
79.QP.014	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 1,2mm M20 (Ar 5+15%CO2)						●			●
79.S1.015	ArcDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M20 (Ar 5+15%CO2)					●	●		●	●
79.RD.015	RapiDeep Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M20 (Ar 5+15%CO2)					●	●		●	●
79.P1.015	PulseDrive Welding Program - G3/4 Si1 (ER70S-6) Ø1,6mm M20 (Ar 5+15%CO2)						●			●
79.QP.015	Quickpulse Welding Program - G3/4 Si1 (ER70S-6) 1,6mm M20 (Ar 5+15%CO2)						●			●
79.S1.23199	ArcDrive Welding Program - BOHLER EMK 8 Ø0,8mm M21 (Ar 15+25%CO2)			●		●	●		●	●
79.RD.23199	RapiDeep Welding Program - BOHLER EMK 8 Ø0,8mm M21 (Ar 15+25%CO2)			●		●	●		●	●
79.P1.23199	PulseDrive Welding Program - BOHLER EMK 8 Ø0,8mm M21 (Ar 15+25%CO2)			●			●			●
79.QP.23199	Quickpulse Welding Program - BOHLER EMK 8 Ø0,8mm M21 (Ar 15+25%CO2)			●			●			●
79.S1.23299	ArcDrive Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15+25%CO2)			●		●	●		●	●
79.RD.23299	RapiDeep Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15+25%CO2)			●		●	●		●	●
79.P1.23299	PulseDrive Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15+25%CO2)			●			●			●
79.QP.23299	Quickpulse Welding Program - BOHLER EMK 8 Ø1,0mm M21 (Ar 15+25%CO2)			●			●			●

● = Included

○ = Optional

SELECTION GUIDE

Welding programs MIG/MAG

		URANOS 2000 SMC	URANOS NX 2200/2700 SMC Smart	URANOS NX 2200/2700 PMC/MTE	TERRA NX 320/400 SMC Smart	TERRA NX 320/400 SMC SteelDrive	TERRA NX 320/400 PMC SteelDrive	TERRA NX 320/400/500 MSE WF NX Smart	TERRA NX 320/400/500 MSE WF NX SteelDrive	TERRA NX 320/400/500 PME WF NX SteelDrive
79.S1.23399	ArcDrive Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15÷25%CO2)			●		●	●		●	●
79.RD.23399	RapiDeep Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15÷25%CO2)			●		●	●		●	●
79.P1.23399	PulseDrive Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15÷25%CO2)			●			●			●
79.QP.23399	Quickpulse Welding Program - BOHLER EMK 8 Ø1,2mm M21 (Ar 15÷25%CO2)			●			●			●
79.S1.23599	ArcDrive Welding Program - BOHLER EMK 8 Ø0,8mm M20 (Ar 5÷15%CO2)					●	●		●	●
79.RD.23599	RapiDeep Welding Program - BOHLER EMK 8 Ø0,8mm M20 (Ar 5÷15%CO2)					●	●		●	●
79.P1.23599	PulseDrive Welding Program - BOHLER EMK 8 Ø0,8mm M20 (Ar 5÷15%CO2)						●			●
79.QP.23599	Quickpulse Welding Program - BOHLER EMK 8 Ø0,8mm M20 (Ar 5÷15%CO2)						●			●
79.S1.23699	ArcDrive Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5÷15%CO2)					●	●		●	●
79.RD.23699	RapiDeep Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5÷15%CO2)					●	●		●	●
79.P1.23699	PulseDrive Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5÷15%CO2)						●			●
79.QP.23699	Quickpulse Welding Program - BOHLER EMK 8 Ø1,0mm M20 (Ar 5÷15%CO2)						●			●
79.S1.23799	ArcDrive Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5÷15%CO2)					●	●		●	●
79.RD.23799	RapiDeep Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5-15%CO2)					●	●		●	●
79.P1.23799	PulseDrive Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5÷15%CO2)						●			●
79.QP.23799	Quickpulse Welding Program - BOHLER EMK 8 Ø1,2mm M20 (Ar 5÷15%CO2)						●			●
79.S1.031	ArcDrive Welding Program - MFCW Ø1,0mm M21 (Ar 15÷25%CO2)	●								
79.S1.032	ArcDrive Welding Program - MFCW Ø1,2mm M21 (Ar 15÷25%CO2)		●	●	●			●		
79.P1.032	PulseDrive Welding Program - MFCW Ø1,2mm M21 (Ar 15÷25%CO2)			●						
79.S1.034	ArcDrive Welding Program - MFCW Ø1,6mm M21 (Ar 15÷25%CO2)				●			●		
79.S1.137	ArcDrive Welding Program - MCW Ø0,9mm Self shielded	●								
79.S1.138	ArcDrive Welding Program - MCW Ø1,2mm Self shielded	●								
79.S1.03199	ArcDrive Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15÷25%CO2)			●		●	●		●	●
79.RD.03199	RapiDeep Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15÷25%CO2)			●		●	●		●	●
79.P1.03199	PulseDrive Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15÷25% CO2)			●			●			●
79.QP.03199	Quickpulse Welding Program - diamondspark 52 MC Ø1,0mm M21 (Ar 15÷25% CO2)			●			●			●
79.S1.03298	ArcDrive Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15÷25%CO2)			●		●	●		●	●
79.RD.03298	RapiDeep Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15÷25%CO2)			●		●	●		●	●
79.P1.03298	PulseDrive Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15÷25% CO2)			●			●			●
79.QP.03298	Quickpulse Welding Program - diamondspark 52 MC Ø1,2mm M21 (Ar 15÷25% CO2)			●			●			●
79.S1.20299	ArcDrive Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5÷15%CO2)					●	●		●	●
79.RD.20299	RapiDeep Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5÷15%CO2)					●	●		●	●
79.P1.20299	PulseDrive Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5÷15%CO2)						●			●
79.QP.20299	Quickpulse Welding Program - diamondspark 52 MC Ø1,0mm M20 (Ar 5÷15%CO2)						●			●
79.S1.20399	ArcDrive Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5÷15%CO2)					●	●		●	●
79.RD.20399	RapiDeep Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5÷15%CO2)					●	●		●	●
79.P1.20399	PulseDrive Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5÷15%CO2)						●			●
79.QP.20399	Quickpulse Welding Program - diamondspark 52 MC Ø1,2mm M20 (Ar 5÷15%CO2)						●			●
79.S1.024	ArcDrive Welding Program - RFCW Ø1,2mm M21 (Ar 15÷25%CO2)			●						
79.P1.024	PulseDrive Welding Program - RFCW Ø1,2mm M21 (Ar 15÷25%CO2)			●						
79.S1.02499	ArcDrive Welding Program - diamondspark 52 RC Ø1,2mm M21 (Ar 15÷25%CO2)			●		●	●		●	●
79.S1.049	ArcDrive Welding Program - CrNi 19 9 (ER308) Ø0,6mm M12 (Ar 0,5÷5%CO2)	●	●							
79.S1.050	ArcDrive Welding Program - CrNi 19 9 (ER308) Ø0,8mm M12 (Ar 0,5÷5%CO2)	●	●	●	●	●		●	●	
79.P1.050	PulseDrive Welding Program - CrNi 19 9 (ER308) Ø0,8mm M12 (Ar 0,5÷5% CO2)			●			●			●
79.S1.051	ArcDrive Welding Program - CrNi 19 9 (ER308) Ø1,0mm M12 (Ar 0,5÷5%CO2)	●	●	●	●	●		●	●	
79.P1.051	PulseDrive Welding Program - CrNi 19 9 (ER308) Ø1,0mm M12 (Ar 0,5÷5% CO2)			●			●			●
79.S1.052	ArcDrive Welding Program - CrNi 19 9 (ER308) Ø1,2mm M12 (Ar 0,5÷5%CO2)		●	●	●	●		●	●	
79.P1.052	PulseDrive Welding Program - CrNi 19 9 (ER308) Ø1,2mm M12 (Ar 0,5÷5% CO2)			●			●			●

● = Included

○ = Optional

SELECTION GUIDE

Welding programs MIG/MAG

		URANOS 2000 SMC	URANOS NX 2200/2700 SMC Smart	URANOS NX 2200/2700 PMC/MTE	TERRA NX 320/400 SMC Smart	TERRA NX 320/400 SMC SteelDrive	TERRA NX 320/400 PMC SteelDrive	TERRA NX 320/400/500 MSE WF NX Smart	TERRA NX 320/400/500 MSE WF NX SteelDrive	TERRA NX 320/400/500 PME WF NX SteelDrive
79.S1.053	ArcDrive Welding Program - CrNi 19 9 (ER308) Ø1,6mm M12 (Ar 0,5+5%CO2)				●	●		●	●	
79.P1.053	PulseDrive Welding Program - CrNi 19 9 (ER308) Ø1,6mm M12 (Ar 0,5+5% CO2)						●			●
79.S1.054	ArcDrive Welding Program - CrNi 19 12 3 (ER316) Ø0,8mm M12 (Ar 0,5+5% CO2)			●		●			●	
79.P1.054	PulseDrive Welding Program - CrNi 19 12 3 (ER316) Ø0,8mm M12 (Ar 0,5+5% CO2)			●			●			●
79.S1.055	ArcDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,0mm M12 (Ar 0,5+5% CO2)			●		●			●	
79.P1.055	PulseDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,0mm M12 (Ar 0,5+5% CO2)			●			●			●
79.S1.056	ArcDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,2mm M12 (Ar 0,5+5% CO2)			●		●			●	
79.P1.056	PulseDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,2mm M12 (Ar 0,5+5% CO2)			●			●			●
79.S1.057	ArcDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,6mm M12 (Ar 0,5+5% CO2)					●			●	
79.P1.057	PulseDrive Welding Program - CrNi 19 12 3 (ER316) Ø1,6mm M12 (Ar 0,5+5% CO2)						●			●
79.S1.085	ArcDrive Welding Program - CrNi 19 9 FCW (E308) Ø0,9mm M21 (Ar 15+25% CO2)	●								
79.S1.086	ArcDrive Welding Program - CrNi 19 9 FCW (E308) Ø1,2mm M21 (Ar 15+25% CO2)			●						
79.P1.086	PulseDrive Welding Program - CrNi 19 9 FCW (E308) Ø1,2mm M21 (Ar 15+25% CO2)			●						
79.S1.089	ArcDrive Welding Program - CrNi 19 12 3 FCW (E316) Ø1,2mm M21 (Ar 15+25% CO2)			●						
79.S1.08999	ArcDrive Welding Program - FOXcore 316 T0 Ø1,2mm M21 (Ar 15+25%CO2)			●						
79.P1.08999	PulseDrive Welding Program - FOXcore 316 T0 Ø1,2mm M21 (Ar 15+25%CO2)			●						
79.S1.106	ArcDrive Welding Program - AlMg5 (ER5356) Ø0,8mm I1 (Ar)	●	●		●			●		
79.S1.107	ArcDrive Welding Program - AlMg5 (ER5356) Ø1,0mm I1 (Ar)	●	●		●			●		
79.S1.108	ArcDrive Welding Program - AlMg5 (ER5356) Ø1,2mm I1 (Ar)		●		●			●		
79.S1.109	ArcDrive Welding Program - AlMg5 (ER5356) Ø1,6mm I1 (Ar)				●			●		
79.S1.10799	ArcDrive Welding Program - Union AlMg5 Ø1,0mm I1 (Ar)			●		●			●	
79.P1.10799	PulseDrive Welding Program - Union AlMg5 Ø1,0mm I1 (Ar)			●			●			●
79.S1.10899	ArcDrive Welding Program - Union AlMg5 Ø1,2mm I1 (Ar)			●		●			●	
79.P1.10899	PulseDrive Welding Program - Union AlMg5 Ø1,2mm I1 (Ar)			●			●			●
79.S1.10999	ArcDrive Welding Program - Union AlMg5 Ø1,6mm I1 (Ar)					●			●	
79.P1.10999	PulseDrive Welding Program - Union AlMg5 Ø1,6mm I1 (Ar)						●			●
79.S1.098	ArcDrive Welding Program - CuSi3 (ERCuSi) Ø0,8mm I1 (Ar)			●						
79.P1.098	PulseDrive Welding Program - CuSi3 (ERCuSi) Ø0,8mm I1 (Ar)			●						
79.S1.099	ArcDrive Welding Program - CuSi3 (ERCuSi) Ø1,0mm I1 (Ar)			●						
79.P1.099	PulseDrive Welding Program - CuSi3 (ERCuSi) Ø1,0mm I1 (Ar)			●						
79.S1.100	ArcDrive Welding Program - CuSi3 (ERCuSi) Ø1,2mm I1 (Ar)			●						
79.P1.100	PulseDrive Welding Program - CuSi3 (ERCuSi) Ø1,2mm I1 (Ar)			●						

● = Included

○ = Optional

WPS Welding Procedure Specification

TECHNICAL FEATURES

- Certifications (WPS) - MIG/MAG welding process
- Certifications (WPS) - Pulsed MIG welding process
- Certificated welding programs
- Graphic interface for complete WPS management



WPS Welding Procedure Specification

79.WP.002	Welding program - WPS certification - Standard MIG/MAG
79.WP.003	Welding program - WPS certification - Standard/Pulse MIG/MAG
90.01.902	MIG/MAG STANDARD certification book
90.01.903	MIG/MAG STANDARD+PULSE certification book

Cross reference - WPS (EN1090) welding programs

EN1090 STANDARD WPS

WPS 3152.13 - G3Si1 (ER70S-6) - Ø0.8mm - Ar18%CO2 - PA/BW - 3mm
WPS 3152.13 - G3Si1 (ER70S-6) - Ø1.0mm - Ar18%CO2 - PA/BW - 3mm
WPS 3152.13 - G3Si1 (ER70S-6) - Ø1.2mm - Ar18%CO2 - PA/BW - 3mm
WPS 3153.13 - G3Si1 (ER70S-6) - Ø0.8mm - Ar18%CO2 - PC/BW - 3mm
WPS 3153.13 - G3Si1 (ER70S-6) - Ø1.0mm - Ar18%CO2 - PC/BW - 3mm
WPS 3153.13 - G3Si1 (ER70S-6) - Ø1.2mm - Ar18%CO2 - PC/BW - 3mm
WPS 3154.13 - G3Si1 (ER70S-6) - Ø0.8mm - Ar18%CO2 - PF/BW - 3mm
WPS 3154.13 - G3Si1 (ER70S-6) - Ø1.0mm - Ar18%CO2 - PF/BW - 3mm
WPS 3154.13 - G3Si1 (ER70S-6) - Ø1.2mm - Ar18%CO2 - PF/BW - 3mm
WPS 3155.13 - G3Si1 (ER70S-6) - Ø0.8mm - Ar18%CO2 - PB/FW - 3mm
WPS 3155.13 - G3Si1 (ER70S-6) - Ø1.0mm - Ar18%CO2 - PB/FW - 3mm
WPS 3155.13 - G3Si1 (ER70S-6) - Ø1.2mm - Ar18%CO2 - PB/FW - 3mm
WPS 3156.13 - G3Si1 (ER70S-6) - Ø0.8mm - Ar18%CO2 - PF/FW - 3mm
WPS 3156.13 - G3Si1 (ER70S-6) - Ø1.0mm - Ar18%CO2 - PF/FW - 3mm
WPS 3156.13 - G3Si1 (ER70S-6) - Ø1.2mm - Ar18%CO2 - PF/FW - 3mm
WPS 3170.15 - G3Si1 (ER70S-6) - Ø0.8mm - Ar18%CO2 - PB/FW - 5mm
WPS 3170.15 - G3Si1 (ER70S-6) - Ø1.0mm - Ar18%CO2 - PB/FW - 5mm
WPS 3170.15 - G3Si1 (ER70S-6) - Ø1.2mm - Ar18%CO2 - PB/FW - 5mm
WPS 3157.13 - G3Si1 (ER70S-6) - Ø0.8mm - Ar18%CO2 - PA/BW - 12mm
WPS 3157.13 - G3Si1 (ER70S-6) - Ø1.0mm - Ar18%CO2 - PA/BW - 12mm
WPS 3157.13 - G3Si1 (ER70S-6) - Ø1.2mm - Ar18%CO2 - PA/BW - 12mm
WPS 3158.13 - G3Si1 (ER70S-6) - Ø0.8mm - Ar18%CO2 - PC/BW - 12mm
WPS 3158.13 - G3Si1 (ER70S-6) - Ø1.0mm - Ar18%CO2 - PC/BW - 12mm
WPS 3158.13 - G3Si1 (ER70S-6) - Ø1.2mm - Ar18%CO2 - PC/BW - 12mm
WPS 3159.13 - G3Si1 (ER70S-6) - Ø0.8mm - Ar18%CO2 - PF/BW - 12mm
WPS 3159.13 - G3Si1 (ER70S-6) - Ø1.0mm - Ar18%CO2 - PF/BW - 12mm
WPS 3159.13 - G3Si1 (ER70S-6) - Ø1.2mm - Ar18%CO2 - PF/BW - 12mm
WPS 3160.13 - G3Si1 (ER70S-6) - Ø0.8mm - Ar18%CO2 - PB/FW - 12mm
WPS 3160.13 - G3Si1 (ER70S-6) - Ø1.0mm - Ar18%CO2 - PB/FW - 12mm
WPS 3160.13 - G3Si1 (ER70S-6) - Ø1.2mm - Ar18%CO2 - PB/FW - 12mm
WPS 3161.13 - G3Si1 (ER70S-6) - Ø0.8mm - Ar18%CO2 - PF/FW - 12mm
WPS 3161.13 - G3Si1 (ER70S-6) - Ø1.0mm - Ar18%CO2 - PF/FW - 12mm
WPS 3161.13 - G3Si1 (ER70S-6) - Ø1.2mm - Ar18%CO2 - PF/FW - 12mm

EN1090 PULSE WPS

WPS 3162.13 - G3Si1 (ER70S-6) - Ø0.8mm - Ar18%CO2 - PA/BW - 3mm
WPS 3162.13 - G3Si1 (ER70S-6) - Ø1.0mm - Ar18%CO2 - PA/BW - 3mm
WPS 3162.13 - G3Si1 (ER70S-6) - Ø1.2mm - Ar18%CO2 - PA/BW - 3mm
WPS 3163.13 - G3Si1 (ER70S-6) - Ø0.8mm - Ar18%CO2 - PC/BW - 3mm
WPS 3163.13 - G3Si1 (ER70S-6) - Ø1.0mm - Ar18%CO2 - PC/BW - 3mm
WPS 3163.13 - G3Si1 (ER70S-6) - Ø1.2mm - Ar18%CO2 - PC/BW - 3mm
WPS 3164.13 - G3Si1 (ER70S-6) - Ø0.8mm - Ar18%CO2 - PB/FW - 3mm
WPS 3164.13 - G3Si1 (ER70S-6) - Ø1.0mm - Ar18%CO2 - PB/FW - 3mm
WPS 3164.13 - G3Si1 (ER70S-6) - Ø1.2mm - Ar18%CO2 - PB/FW - 3mm
WPS 3169.15 - G3Si1 (ER70S-6) - Ø0.8mm - Ar18%CO2 - PB/FW - 5mm
WPS 3169.15 - G3Si1 (ER70S-6) - Ø1.0mm - Ar18%CO2 - PB/FW - 5mm
WPS 3169.15 - G3Si1 (ER70S-6) - Ø1.2mm - Ar18%CO2 - PB/FW - 5mm
WPS 3165.13 - G3Si1 (ER70S-6) - Ø0.8mm - Ar18%CO2 - PA/BW - 12mm
WPS 3165.13 - G3Si1 (ER70S-6) - Ø1.0mm - Ar18%CO2 - PA/BW - 12mm
WPS 3165.13 - G3Si1 (ER70S-6) - Ø1.2mm - Ar18%CO2 - PA/BW - 12mm
WPS 3166.13 - G3Si1 (ER70S-6) - Ø0.8mm - Ar18%CO2 - PC/BW - 12mm
WPS 3166.13 - G3Si1 (ER70S-6) - Ø1.0mm - Ar18%CO2 - PC/BW - 12mm
WPS 3166.13 - G3Si1 (ER70S-6) - Ø1.2mm - Ar18%CO2 - PC/BW - 12mm
WPS 3167.13 - G3Si1 (ER70S-6) - Ø0.8mm - Ar18%CO2 - PB/FW - 12mm
WPS 3167.13 - G3Si1 (ER70S-6) - Ø1.0mm - Ar18%CO2 - PB/FW - 12mm
WPS 3167.13 - G3Si1 (ER70S-6) - Ø1.2mm - Ar18%CO2 - PB/FW - 12mm

SELECTION GUIDE
MIG/MAG Systems

	URANOS 2000 SMC	URANOS NX 2200 SMC Classic	URANOS NX 2200 SMC Smart	URANOS NX 2200 PMC	URANOS NX 2200 MTE	URANOS NX 2700 SMC Classic	URANOS NX 2700 SMC Smart	URANOS NX 2700 PMC	URANOS NX 2700 MTE	URANOS NX 3200 PME	URANOS NX 3200 GSM	URANOS NX 4000/5000 PME	URANOS NX 4000/5000 GSM	TERRA NX 320/400 SMC Classic	TERRA NX 320/400 SMC Smart	TERRA NX 320/400 SMC SteelDrive	TERRA NX 320/400 PMC SteelDrive	TERRA NX 320/400/500 MSE WF NX Classic	TERRA NX 320/400/500 MSE WF NX Smart	TERRA NX 320/400/500 MSE WF NX SteelDrive	TERRA NX 320 PME WF NX SteelDrive	TERRA NX 400/500 PME WF NX SteelDrive
Inverter																						
Inverter technology	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
"greenWave" inverter technology	●	●	●	●	●	●	●	●	●	●	●	●	●									
Power supply																						
Single phase (1x230V)	●	●	●	●	●																	
Three-phase mains supply (3x230V)						●	●	●	●	●	●	●	●									
Three-phase mains supply (3x400V)						●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Compatible with motogenerator	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Main functions																						
VRD	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Welding parameters digital display	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Current reading	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Voltage reading	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Digital adjustment of parameters	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Set up	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Memory programs	●			●	●			●	●	●	●	●	●			●	●			●	●	●
Lock-unlock function key protected by password	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MMA welding process	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MMA synergy	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Hot start	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Arc force	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Antisticking	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
TIG welding process	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Trigger of the arc in Lift mode	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Trigger of the arc in HF mode					●				●			●										
Start/finish current management	●				●				●			●										
Current ramp up/down management	●				●				●			●										
Pre-flow and post-flow time adjustment	●				●				●			●										
Pulse mode	●								●			●										
2/4 step operating mode	●				●				●			●										
Bi-Level operating mode	●				●				●			●										
Smart slope control					●				●			●										
Spot welding mode	●				●				●			●										
Micro Time Spot Welding (uts)	●				●				●			●										
MIG/MAG welding process	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Pulsed MIG welding process				●	●			●	●			●	●				●				●	●
Double Pulsed MIG welding				●	●			●	●			●	●				●				●	●
RapiDeep welding process				○	○						○	○	○			○	○				○	○
QuickPulse welding process				○	○						○	○	○			○	○				○	○
Welding specifications (WPS)				○	○						○	○	○			○	○				○	○
Additional welding programs				○	○			○	○			○	○			○	○			○	○	○
Manual MIG welding	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MIG/MAG synergy	●		●	●	●		●	●	●	●	●	●	●		●	●	●	●	●	●	●	●
Wire speed-output current-material thickness	●		●	●	●		●	●	●	●	●	●	●		●	●	●	●	●	●	●	●
Dynamic adjustment	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2/4 step operating mode	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Crater filler	●			●	●			●	●			●	●			●	●			●	●	●
Bilevel MIG/MAG				●	●			●	●			●	●			●	●			●	●	●

● = Included ○ = Optional

SELECTION GUIDE
MIG/MAG Systems

	URANOS 2000 SMC	URANOS NX 2200 SMC Classic	URANOS NX 2200 SMC Smart	URANOS NX 2200 PMC	URANOS NX 2200 MTE	URANOS NX 2700 SMC Classic	URANOS NX 2700 SMC Smart	URANOS NX 2700 PMC	URANOS NX 2700 MTE	URANOS NX 3200 PME	URANOS NX 3200 GSM	URANOS NX 4000/5000 PME	URANOS NX 4000/5000 GSM	TERRA NX 320/400 SMC Classic	TERRA NX 320/400 SMC Smart	TERRA NX 320/400 SMC SteelDrive	TERRA NX 320/400 PMC SteelDrive	TERRA NX 320/400/500 MSE WF NX Classic	TERRA NX 320/400/500 MSE WF NX Smart	TERRA NX 320/400/500 MSE WF NX SteelDrive	TERRA NX 320 PME WF NX SteelDrive	TERRA NX 400/500 PME WF NX SteelDrive
Main functions																						
Spot welding mode	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Intermittent welding mode	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Motor soft start ramp up	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Burn-back and droplet detachment correction	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Pre-flow time adjustment	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Post-flow time adjustment	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Wire feed button		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Gas test button		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Remote control units																						
RC 100	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
RC 100 MP	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
RC 120									○													
RC 180	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
RC 190	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
RC 200	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
RC 350 MP										○	○	○	○									
Robot and Weld@Net interfaces																						
RI 1000/2000/3000										○	○	○	○									
RI XP/WA		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Weld@Net Service Loader/Manager		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Weld@Net Production/Control Monitor NX		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Torches (EURO attack)																						
MT 150/250 G	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MT 150/250 G UD				○	○			○	○	○	○	○	○			○	○	○	○	○	○	○
MT 300/350 G	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MT 300/350 G UD				○	○			○	○	○	○	○	○			○	○	○	○	○	○	○
MT 400/540 W		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MT 400/540 W UD				○	○			○	○	○	○	○	○			○	○	○	○	○	○	○
MB 25 DGMIG				○	○			○	○	○	○	○	○									
MB 240/501 DGMIG				○	○			○	○	○	○	○	○									
PP PLUS 401D		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
SR 17V/26V		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
ST 1500/FX/MP									○		○		○									
ST 1500 UD/FX UD/MP UD									○		○		○									
ST 1500 DigiTig/FX DigiTig/MP DigiTig									○		○		○									
ST 1700/FX/MP									○		○		○									
ST 1700 UD/FX UD/MP UD									○		○		○									
ST 1700 DigiTig/FX DigiTig/MP DigiTig									○		○		○									
ST 1700 E	○																					
ST 2200/FX									○		○		○									
ST 2200 UD/FX UD									○		○		○									
ST 2200 DigiTig/FX DigiTig									○		○		○									
ST 2500/FX/MP									○		○		○									
ST 2500 UD/FX UD/MP UD									○		○		○									
ST 2500 DigiTig/FX DigiTig/MP DigiTig									○		○		○									
ST 3000/FX/MP									○		○		○									
ST 3000 UD/FX UD/MP UD									○		○		○									
ST 3000 DigiTig/FX DigiTig/MP DigiTig									○		○		○									

● = Included

○ = Optional

SELECTION GUIDE
MIG/MAG Systems

	URANOS 2000 SMC	URANOS NX 2200 SMC Classic	URANOS NX 2200 SMC Smart	URANOS NX 2200 PMC	URANOS NX 2200 MTE	URANOS NX 2700 SMC Classic	URANOS NX 2700 SMC Smart	URANOS NX 2700 PMC	URANOS NX 2700 MTE	URANOS NX 3200 PME	URANOS NX 3200 GSM	URANOS NX 4000/5000 PME	URANOS NX 4000/5000 GSM	TERRA NX 320/400 SMC Classic	TERRA NX 320/400 SMC Smart	TERRA NX 320/400 SMC SteelDrive	TERRA NX 320/400 PMC SteelDrive	TERRA NX 320/400/500 MSE WF NX Classic	TERRA NX 320/400/500 MSE WF NX Smart	TERRA NX 320/400/500 MSE WF NX SteelDrive	TERRA NX 320 PME WF NX SteelDrive	TERRA NX 400/500 PME WF NX SteelDrive
Torches (EURO attack)																						
ST 4000/FX										○		○		○								
ST 4000 UD/FX UD									○			○		○								
ST 4000 DigiTig/FX DigiTig									○			○		○								
ST 4500									○			○		○								
ST 4500 UD									○			○		○								
ST 4500 DigiTig									○			○		○								
Wire feeder																						
WF NX 2000/3000/4000 Classic										○	○	○	○									
WF NX 3000/4000 Smart										○	○	○	○									
WF NX 230/330/430 Classic																		○				
WF NX 230/330/430 Smart																			○			
WF NX 230/330/430 SteelDrive																				○	○	○
Wirefeeder																						
SF 2R-1T	●																					
SL 4R-2T		●	●			●	●							●	●			●	●			
SL 4R-4T		○	○	●	●	○	○	●	●					○	○	●	●	○	○	●	●	●
Torch cooling unit																						
WU 2000										○	○											
WU 3000												○	○									
WU 130																						
WU 230						○	○	○	○									○	○	○	○	
WU 232		○	○	○	○	○	○	○	○													
WU 330														○	○	○						
WU 430																	○					○
WU filter		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Power source trolley																						
GT 150/350/400		○	○	○	○	○	○	○	○	○	○							○	○	○	○	
GT 400 WF										○	○							○	○	○	○	
GT 500												○	○	○	○	○						○
GT 500 WF												○	○									○
GT 600		○	○	○	○	○	○	○	○	○	○							○	○	○	○	
GT 600 WF										○	○							○	○	○	○	
GT 700												○	○	○	○	○						○
GT 700 WF												○	○									○

● = Included ○ = Optional

SELECTION GUIDE
MIG/MAG Systems

	URANOS 2000 SMC	URANOS NX 2200 SMC Classic	URANOS NX 2200 SMC Smart	URANOS NX 2200 PMC	URANOS NX 2200 MTE	URANOS NX 2700 SMC Classic	URANOS NX 2700 SMC Smart	URANOS NX 2700 PMC	URANOS NX 2700 MTE	URANOS NX 3200 PME	URANOS NX 3200 GSM	URANOS NX 4000/5000 PME	URANOS NX 4000/5000 GSM	TERRA NX 320/400 SMC Classic	TERRA NX 320/400 SMC Smart	TERRA NX 320/400 SMC SteelDrive	TERRA NX 320/400 PMC SteelDrive	TERRA NX 320/400/500 MSE WF NX Classic	TERRA NX 320/400/500 MSE WF NX Smart	TERRA NX 320/400/500 MSE WF NX SteelDrive	TERRA NX 320 PME WF NX SteelDrive	TERRA NX 400/500 PME WF NX SteelDrive	
Applications																							
Light job shop fabrication	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Medium-heavy job shop fabrication										●	●	●	●	●	●	●	●	●	●	●	●	●	●
Heavy job shop fabrication												●	●	●	●	●	●	●	●	●	●	●	●
Building sites	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Shipyards		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Plants machinery construction						●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Oil refinery plants construction										●	●	●	●	●	●	●	●	●	●	●	●	●	●
Machine and apparatus construction										●	●	●	●	●	●	●	●	●	●	●	●	●	●
Automobile industry		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Railway industry		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Nuclear industry										●	●	●	●	●	●	●	●	●	●	●	●	●	●
Military industry										●	●	●	●	●	●	●	●	●	●	●	●	●	●
Aeronautics and Aerospace industry										●	●	●	●	●	●	●	●	●	●	●	●	●	●
Food industry								●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Chemical industry								●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Ordinary maintenance	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Repair and overhaul										●	●	●	●	●	●	●	●	●	●	●	●	●	●
Handicraft working	●													●	●	●	●	●	●	●	●	●	●
Chassis	●													●	●	●	●	●	●	●	●	●	●
Building														●	●	●	●	●	●	●	●	●	●
Installers														●	●	●	●	●	●	●	●	●	●
Stand construction workers														●	●	●	●	●	●	●	●	●	●
Door and window fitters														●	●	●	●	●	●	●	●	●	●
Blacksmiths														●	●	●	●	●	●	●	●	●	●
Workshops	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Sheet metal working	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

● = Suitable

WELDING PROCESS

- MMA (Electrode)
- TIG DC Lift and HF start

MATERIALS

- Carbon steels
- Stainless steels
- Cast irons
- Copper and copper alloys
- Titanium and titanium alloys
- Nickel and nickel alloys

APPLICATIONS

- Light job shop fabrication
- Building sites
- Cycle industry
- Food industry
- Ordinary maintenance
- Chassis
- Building
- Plumbing
- Installers
- Stand construction workers
- Electricians
- Tinsmiths

SUITCASE KIT

- Practical
- Sturdy
- Fully equipped

INCLUDING:

- Welding power source
- Stick electrode holder
- Earth cable
- Wire brush and de-slagging hammer
- Hand-shield
- Extension carrying strap
- 20 pcs electrode pack
- Gas hose - Spare kit
- Gas cylinder and cylinder holder
- Pressure limiter
- ST1500S TIG torch



TECHNICAL FEATURES

- Advanced inverter technology power source for superior arc performance
- Heavy duty and enviromental conditions, high service life
- Reduced dimensions and compact construction
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Linear controlled fan on demand
- Excellent performances also with long power supply extension cables
- Full digital and user-friendly control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Synergic setting for optimal stick welding with multiple types of electrodes
- Manual restart or downslope stop functions
- 2/4 step operating mode
- Bi-Level operating mode
- Spot welding mode
- Pulsed and fast pulsed operating mode (500Hz)
- Synergic post-flow adjustment
- Current socket (panel) 25mm²
- Analog TIG torch compatible

Power source

URANOS 1500 TLH			260x115x250mm		3.9kg		IP23S
	1x230V		TIG and MMA		6.6kVA 4.6kW		40°C 30% 150A 40°C 60% 125A 40°C 100% 110A
					0.70 16A		5-150A 85V

CONFIGURATIONS

URANOS 1500 TLH - Suitcase kit

74.02.003	URANOS 1500 TLH - SUITCASE KIT
-----------	--------------------------------

ACCESSORIES**Power source**

74.02.003	URANOS 1500 TLH - SUITCASE KIT
	URANOS 1500 TLH - SUITCASE KIT (3 pieces)

Torch

81.32.460	ST 1500 STIG WELDING TORCH - 4m - AIR COOLED
81.32.092	ST 1700 STIG WELDING TORCH - 4m - AIR COOLED

Other

72.01.008	PRESSURE LIMITER
75.50.001	ARGON GAS CYLINDER (12 pieces)

WELDING PROCESS

- MMA (Electrode)
- TIG DC Lift and HF start

MATERIALS

- Unalloyed steel
- High alloyed steel
- Nickel alloy
- Copper alloy
- Titanium alloys

APPLICATIONS

- Light job shop fabrication
- Building sites
- Shipyards
- Cycle industry
- Nuclear industry
- Food industry
- Chemical industry
- Ordinary maintenance
- Repair and overhaul
- Building
- Plumbing



TECHNICAL FEATURES

- "greenWave" inverter technology for high energy efficiency and perfect control over all welding phases
- Heavy duty and environmental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- Reduced dimensions and compact construction
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Linear controlled fan on demand
- Energy-saving inverter technology (built-in P.F.C. - power factor controller)
- Excellent performances also with long power supply extension cables
- Full digital and user-friendly control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- 2/4 step operating mode
- Bi-Level operating mode
- Spot welding mode
- Pulsed and fast pulsed operating mode (2500Hz)
- Synergic post-flow adjustment
- Easy joining
- Manual restart or downslope stop functions
- Current socket (panel) 50/70 mm²
- Predisposition for TIG U/D torch
- Remote control compatible

Power source

URANOS 1800 TLH				410x150x330mm		9.4kg	IP23S				
1x230V	TIG	S	5.5kVA	X%	40°C	35%	180A	P.F.	1	I ₂	3-180A
		P	5.5kW		40°C	60%	160A				
			40°C		100%	140A					
			25°C		70%	180A					
		25°C	100%	160A							
1x230V	MMA	S	5.5kVA	X%	40°C	35%	170A	P.F.	1	I ₂	3-170A
		P	5.5kW		40°C	60%	150A				
			40°C		100%	120A					
			25°C		70%	170A					
		25°C	100%	150A							
1x115V	TIG	S	3.3kVA	X%	40°C	30%	140A	P.F.	1	I ₂	3-140A
		P	3.3kW		40°C	60%	120A				
			40°C		100%	105A					
			25°C		70%	140A					
		25°C	100%	130A							
1x115V	MMA	S	3.3kVA	X%	40°C	30%	110A	P.F.	1	I ₂	3-110A
		P	3.3kW		40°C	60%	95A				
			40°C		100%	80A					
			25°C		70%	110A					
		25°C	100%	95A							

CONFIGURATIONS

URANOS 1800 TLH - TIG welding configuration - 4 m torch - ST 1700 U/D

77.57.04001	URANOS 1800 TLH WITH ST 1700 U/D TIG TORCH - L.4m
71.05.011	WORK CABLE - 25mm ² - L.4m - PLUG 50mm ²

URANOS 1800 TLH - TIG welding configuration - 8 m torch - ST 1700 U/D

77.57.04002	URANOS 1800 TLH WITH ST 1700 U/D TIG TORCH - L.8m
71.05.011	WORK CABLE - 25mm ² - L.4m - PLUG 50mm ²

URANOS 1800 TLH - TIG welding configuration - 4 m torch - ST 2200 U/D

77.57.04003	URANOS 1800 TLH WITH ST 2200 U/D TIG TORCH - L.4m
71.05.011	WORK CABLE - 25mm ² - L.4m - PLUG 50mm ²

URANOS 1800 TLH - TIG welding configuration - 8 m torch - ST 2200 U/D

77.57.04004	URANOS 1800 TLH WITH ST 2200 U/D TIG TORCH - L.8m
71.05.011	WORK CABLE - 25mm ² - L.4m - PLUG 50mm ²

ACCESSORIES

Power source

77.57.04001	URANOS 1800 TLH WITH ST 1700 U/D TIG TORCH - L.4m
77.57.04002	URANOS 1800 TLH WITH ST 1700 U/D TIG TORCH - L.8m
77.57.04003	URANOS 1800 TLH WITH ST 2200 U/D TIG TORCH - L.4m
77.57.04004	URANOS 1800 TLH WITH ST 2200 U/D TIG TORCH - L.8m
77.57.04005	URANOS 1800 TLH WITH ST 1700FX U/D TIG TORCH - L.4m
77.57.04006	URANOS 1800 TLH WITH ST 1700MP U/D TIG TORCH - L.4m

Remote control

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m
71.02.209	REMOTE CONTROL UNIT RC 100 MP
71.02.20501	CAN BUS CONNECTION CABLE 6m
71.02.205	CAN BUS CONNECTION CABLE 10m
71.02.20504	CAN BUS CONNECTION CABLE 25m
71.02.197	REMOTE CONTROL UNIT RC 120 - L.6m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC 180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC 180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m

Torch

81.32.458	ST 1500 TIG WELDING TORCH - 4m - AIR COOLED
81.32.459	ST 1500 TIG WELDING TORCH - 8m - AIR COOLED
81.32.461	ST 1500 U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.462	ST 1500 U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.475	ST 1500 FX TIG WELDING TORCH - 4m - AIR COOLED
81.32.476	ST 1500 FX TIG WELDING TORCH - 8m - AIR COOLED
81.32.473	ST 1500 FX U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.474	ST 1500 FX U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.084	ST 1500 MP TIG WELDING TORCH - 4m - AIR COOLED
81.32.085	ST 1500 MP TIG WELDING TORCH - 8m - AIR COOLED
81.32.082	ST 1500 MP U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.083	ST 1500 MP U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.061	ST 1700 TIG WELDING TORCH - 4m - AIR COOLED
81.32.062	ST 1700 TIG WELDING TORCH - 8m - AIR COOLED
81.32.060	ST 1700 U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.065	ST 1700 U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.117	ST 1700 FX TIG WELDING TORCH - 4m - AIR COOLED
81.32.118	ST 1700 FX TIG WELDING TORCH - 8m - AIR COOLED

ACCESSORIES

Torch

81.32.115	ST 1700 FX U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.116	ST 1700 FX U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.090	ST 1700 MP TIG WELDING TORCH - 4m - AIR COOLED
81.32.091	ST 1700 MP TIG WELDING TORCH - 8m - AIR COOLED
81.32.088	ST 1700 MP U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.089	ST 1700 MP U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.159	ST 2200 TIG WELDING TORCH - 4m - AIR COOLED
81.32.160	ST 2200 TIG WELDING TORCH - 8m - AIR COOLED
81.32.158	ST 2200 U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.161	ST 2200 U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.173	ST 2200 FX TIG WELDING TORCH - 4m - AIR COOLED
81.32.174	ST 2200 FX TIG WELDING TORCH - 8m - AIR COOLED
81.32.171	ST 2200 FX U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.172	ST 2200 FX U/D TIG WELDING TORCH - 8m - AIR COOLED

Stick electrode holder

71.04.005	STICK ELECTRODE HOLDER 400A - POWER CABLE 25mm ² - L.4m - PLUG 50mm ²
-----------	---

Earth cable

71.05.011	WORK CABLE - 25mm ² - L.4m - PLUG 50mm ²
-----------	--

Power source trolley

71.03.082	POWER SOURCE TROLLEY GT 200
71.03.051	BRACKET KIT GT 200 (1800 TLH - 180 TLH)
71.03.054	TIG RODS HOLDER KIT

Other

73.12.019	TIG TORCH CONNECTORS KIT
-----------	--------------------------

WELDING PROCESS

- MMA (Electrode)
- TIG DC Lift and HF start

MATERIALS

- Unalloyed steel
- High alloyed steel
- Nickel alloy
- Copper alloy
- Titanium alloys

APPLICATIONS

- Light job shop fabrication
- Boiler and tank construction
- Building sites
- Shipyards
- Automobile industry
- Motorcycle industry
- Cycle industry
- Nuclear industry
- Military industry
- Aeronautics and Aerospace industry
- Food industry
- Chemical industry
- Ordinary maintenance
- Repair and overhaul
- Chassis
- Workshops



TECHNICAL FEATURES

- "greenWave" inverter technology for high energy efficiency and perfect control over all welding phases
- Heavy duty and environmental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- Reduced dimensions and compact construction
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Energy-saving inverter technology (built-in P.F.C. - power factor controller)
- Full digital and user-friendly LCD graphic display control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- User-defined welding program storage capability (240 free memory locations)
- Back-up/Restore automatic
- Lock-unlock function key protected by password
- Control of several welding units over Ethernet
- Totally welding process remote programming and management by PC network
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Bi-Level operating mode
- Pulsed and fast pulsed operating mode (2500Hz)
- Easy joining
- Manual restart or downslope stop functions
- Lock-unlock function key protected by password
- Power source trolley for easy system manoeuvrability
- Low noise
- Linear controlled fan on demand
- Current socket (panel) 50/70 mm²
- Digital TIG torch compatible
- Remote control compatible
- WU cooling unit compatible
- Controlled cooling operations

Power source

URANOS NX 2200 TLH					500x190x400mm		14.3kg		IP23S		
1x230V	TIG	S	4.8kVA	X%	40°C	35%	220A	P.F.	0.99	I ₂	3-220A
		P	4.8kW		40°C	60%	190A				
	MMA	S	5.7kVA	X%	40°C	100%	165A	P.F.	0.99	I ₂	3-180A
		P	5.7kW		40°C	100%	140A				
1x115V	TIG	S	3.1kVA	X%	40°C	35%	160A	P.F.	0.99	I ₂	3-160A
		P	3.0kW		40°C	60%	145A				
	MMA	S	3.2kVA	X%	40°C	100%	120A	P.F.	0.99	I ₂	3-110A
		P	3.1kW		40°C	100%	110A				

Cooling unit

WU 1000	TIG	48Vdc	P	0.6kW		480x190x180mm		8.8kg		2.0l
---------	-----	-------	---	-------	--	---------------	--	-------	--	------

CONFIGURATIONS

URANOS NX 2200 TLH - TIG welding configuration - Gas

55.07.050	URANOS NX 2200TLH 1x115-1x230V
81.32.158	ST 2200 U/D TIG WELDING TORCH - 4m - AIR COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m

ACCESSORIES

Power source

55.07.050	URANOS NX 2200TLH 1x115-1x230V
-----------	--------------------------------

Cooling unit

71.03.075	COOLING UNIT WU1000
18.91.008	COOLANT CL10 (10kg)

Remote control

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m
71.02.209	REMOTE CONTROL UNIT RC 100 MP
71.02.20501	CAN BUS CONNECTION CABLE 6m
71.02.205	CAN BUS CONNECTION CABLE 10m
71.02.20504	CAN BUS CONNECTION CABLE 25m
71.02.197	REMOTE CONTROL UNIT RC 120 - L.6m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC 180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC 180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m

Torch

81.32.159	ST 2200 TIG WELDING TORCH - 4m - AIR COOLED
81.32.160	ST 2200 TIG WELDING TORCH - 8m - AIR COOLED
81.32.158	ST 2200 U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.161	ST 2200 U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.157	ST 2200 DIGITIG TIG WELDING TORCH - 4m - AIR COOLED
81.32.162	ST 2200 DIGITIG TIG WELDING TORCH - 8m - AIR COOLED
81.32.173	ST 2200 FX TIG WELDING TORCH - 4m - AIR COOLED
81.32.174	ST 2200 FX TIG WELDING TORCH - 8m - AIR COOLED
81.32.171	ST 2200 FX U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.172	ST 2200 FX U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.169	ST 2200 FX DIGITIG TIG WELDING TORCH - 4m - AIR COOLED
81.32.170	ST 2200 FX DIGITIG TIG WELDING TORCH - 8m - AIR COOLED
81.32.357	ST 2500 TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.358	ST 2500 TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.359	ST 2500 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.360	ST 2500 U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.361	ST 2500 DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.362	ST 2500 DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.385	ST 2500 FX TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.386	ST 2500 FX TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.383	ST 2500 FX U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.384	ST 2500 FX U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.381	ST 2500 FX DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.382	ST 2500 FX DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.391	ST 2500 MP TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.392	ST 2500 MP TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.389	ST 2500 MP U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.390	ST 2500 MP U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.387	ST 2500 MP DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.388	ST 2500 MP DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.559	ST 3000 TIG WELDING TORCH - 4m - LIQUID COOLED

ACCESSORIES

Torch

81.32.560	ST 3000 TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.558	ST 3000 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.561	ST 3000 U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.557	ST 3000 DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.562	ST 3000 DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.573	ST 3000 FX TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.574	ST 3000 FX TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.571	ST 3000 FX U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.572	ST 3000 FX U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.569	ST 3000 FX DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.570	ST 3000 FX DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.397	ST 3000 MP TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.398	ST 3000 MP TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.395	ST 3000 MP U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.396	ST 3000 MP U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.393	ST 3000 MP DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.394	ST 3000 MP DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED

Stick electrode holder

71.04.003	STICK ELECTRODE HOLDER 400A - POWER CABLE 35mm ² - L.4m
-----------	--

Earth cable

71.05.012	WORK CABLE - 35mm ² - L.4m
-----------	---------------------------------------

Power source trolley

71.03.082	POWER SOURCE TROLLEY GT 200
71.03.054	TIG RODS HOLDER KIT
71.03.083	POWER SOURCE TROLLEY GT 300

Other

73.12.019	TIG TORCH CONNECTORS KIT
-----------	--------------------------

Weld@Net System

74.04.06701	KIT SW WELD@NET PRODUCTION MONITOR NX
74.04.06601	KIT SW WELD@NET PRODUCTION CONTROL MONITOR NX
74.04.070	WELD@NET MONITOR - ADD-ON LICENSE
74.04.071	WELD@NET CONTROL MONITOR - ADD-ON LICENSE
71.02.204	RI XP INTERFACE
71.02.203	RI XP CONNECTION CABLE
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE 10m

WELDING PROCESS

- MMA (Electrode)
- TIG DC Lift and HF start

MATERIALS

- Unalloyed steel
- High alloyed steel
- Nickel alloy
- Copper alloy
- Titanium alloys

APPLICATIONS

- Light job shop fabrication
- Boiler and tank construction
- Building sites
- Shipyards
- Automobile industry
- Motorcycle industry
- Cycle industry
- Nuclear industry
- Military industry
- Aeronautics and Aerospace industry
- Food industry
- Chemical industry
- Ordinary maintenance
- Repair and overhaul
- Chassis
- Workshops



TECHNICAL FEATURES

- "greenWave" inverter technology for high energy efficiency and perfect control over all welding phases
- Heavy duty and environmental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- Reduced dimensions and compact construction
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Energy-saving inverter technology (built-in P.F.C. - power factor controller)
- Full digital and user-friendly LCD graphic display control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Back-up/Restore automatic
- User-defined welding program storage capability (240 free memory locations)
- Totally programmable user interface
- Control of several welding units over Ethernet
- Totally welding process remote programming and management by PC network
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Bi-Level operating mode
- Pulsed and fast pulsed operating mode (2500Hz)
- Easy joining
- Manual restart or downslope stop functions
- Lock-unlock function key protected by password
- Power source trolley for easy system manoeuvrability
- Low noise
- Linear controlled fan on demand
- Current socket (panel) 50/70 mm²
- Digital TIG torch compatible
- Remote control compatible
- WU cooling unit compatible
- Controlled cooling operations

Power source

URANOS NX 2700 TLH					500x190x400mm		18.8kg		IP23S
 3x400V	 TIG and MMA	S 10.5kVA	X%	40°C 35% 270A	P.F. 0.96	16A	I₂ 3-270A	U₀ 80V	
		P 10.1kW		40°C 60% 230A					
 3x230V	 TIG and MMA	S 10.5kVA	X%	40°C 35% 270A	P.F. 0.96	25A	I₂ 3-270A	U₀ 80V	
		P 10.1kW		40°C 60% 230A					

Cooling unit

WU 1000	48Vdc	P 0.6kW		480x190x180mm	8.8kg	2.0l
----------------	-------	----------------	--	---------------	-------	------

CONFIGURATIONS

URANOS NX 2700 TLH - TIG welding configuration - Gas

55.07.042	URANOS NX 2700TLH 3x230-3x400V LCD3.5"
81.32.158	ST 2200 U/D TIG WELDING TORCH - 4m - AIR COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m

URANOS NX 2700 TLH - TIG welding configuration - Water

55.07.042	URANOS NX 2700TLH 3x230-3x400V LCD3.5"
71.03.075	COOLING UNIT WU1000
81.32.558	ST 3000 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m

ACCESSORIES

Power source

55.07.043	URANOS NX 2700TLH 3x230-3x400V
55.07.042	URANOS NX 2700TLH 3x230-3x400V LCD3.5"

Cooling unit

71.03.075	COOLING UNIT WU1000
18.91.008	COOLANT CL10 (10kg)

Remote control

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m
71.02.209	REMOTE CONTROL UNIT RC 100 MP
71.02.20501	CAN BUS CONNECTION CABLE 6m
71.02.205	CAN BUS CONNECTION CABLE 10m
71.02.20504	CAN BUS CONNECTION CABLE 25m
71.02.197	REMOTE CONTROL UNIT RC 120 - L.6m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC 180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC 180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
71.02.215	REMOTE CONTROL UNIT RC 350 MP - L.6m
71.02.21503	REMOTE CONTROL UNIT RC 350 MP - L.20m

Torch

81.32.159	ST 2200 TIG WELDING TORCH - 4m - AIR COOLED
81.32.160	ST 2200 TIG WELDING TORCH - 8m - AIR COOLED
81.32.158	ST 2200 U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.161	ST 2200 U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.157	ST 2200 DIGITIG TIG WELDING TORCH - 4m - AIR COOLED
81.32.162	ST 2200 DIGITIG TIG WELDING TORCH - 8m - AIR COOLED
81.32.173	ST 2200 FX TIG WELDING TORCH - 4m - AIR COOLED
81.32.174	ST 2200 FX TIG WELDING TORCH - 8m - AIR COOLED
81.32.171	ST 2200 FX U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.172	ST 2200 FX U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.169	ST 2200 FX DIGITIG TIG WELDING TORCH - 4m - AIR COOLED
81.32.170	ST 2200 FX DIGITIG TIG WELDING TORCH - 8m - AIR COOLED
81.32.357	ST 2500 TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.358	ST 2500 TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.359	ST 2500 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.360	ST 2500 U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.361	ST 2500 DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.362	ST 2500 DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.385	ST 2500 FX TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.386	ST 2500 FX TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.383	ST 2500 FX U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.384	ST 2500 FX U/D TIG WELDING TORCH - 8m - LIQUID COOLED

ACCESSORIES

Torch

81.32.381	ST 2500 FX DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.382	ST 2500 FX DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.391	ST 2500 MP TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.392	ST 2500 MP TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.389	ST 2500 MP U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.390	ST 2500 MP U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.387	ST 2500 MP DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.388	ST 2500 MP DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.559	ST 3000 TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.560	ST 3000 TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.558	ST 3000 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.561	ST 3000 U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.557	ST 3000 DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.562	ST 3000 DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.573	ST 3000 FX TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.574	ST 3000 FX TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.571	ST 3000 FX U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.572	ST 3000 FX U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.569	ST 3000 FX DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.570	ST 3000 FX DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.397	ST 3000 MP TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.398	ST 3000 MP TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.395	ST 3000 MP U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.396	ST 3000 MP U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.393	ST 3000 MP DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.394	ST 3000 MP DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED

Stick electrode holder

71.04.003	STICK ELECTRODE HOLDER 400A - POWER CABLE 35mm ² - L.4m
-----------	--

Earth cable

71.05.011	WORK CABLE - 25mm ² - L.4m - PLUG 50mm ²
71.05.012	WORK CABLE - 35mm ² - L.4m

Power source trolley

71.03.082	POWER SOURCE TROLLEY GT 200
71.03.054	TIG RODS HOLDER KIT
71.03.083	POWER SOURCE TROLLEY GT 300

Weld@Net system

74.04.06701	KIT SW WELD@NET PRODUCTION MONITOR NX
74.04.06601	KIT SW WELD@NET PRODUCTION CONTROL MONITOR NX
74.04.070	WELD@NET MONITOR - ADD-ON LICENSE
74.04.071	WELD@NET CONTROL MONITOR - ADD-ON LICENSE
71.02.204	RI XP INTERFACE
71.02.203	RI XP CONNECTION CABLE
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE 10m

Other

73.12.019	TIG TORCH CONNECTORS KIT
-----------	--------------------------

WELDING PROCESS

- MMA (Electrode)
- TIG DC Lift and HF start

APPLICATIONS

- Medium-heavy job shop fabrication
- Boiler and tank construction
- Plants machinery construction
- Automobile industry
- Cycle industry
- Nuclear industry
- Military industry
- Aeronautics and Aerospace industry
- Food industry
- Chemical industry
- Ordinary maintenance
- Repair and overhaul
- Pipeline construction
- Workshops

MATERIALS

- Unalloyed steel
- High alloyed steel
- Nickel alloy
- Copper alloy
- Titanium alloys



TECHNICAL FEATURES

- "greenWave" inverter technology for high energy efficiency and perfect control over all welding phases
- Heavy duty and environmental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- Reduced dimensions and compact construction
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Energy-saving inverter technology (built-in P.F.C. - power factor controller)
- Full digital and user-friendly LCD graphic display control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Back-up/Restore automatic
- User-defined welding program storage capability (240 free memory locations)
- Totally programmable user interface
- Control of several welding units over Ethernet
- Totally welding process remote programming and management by PC network
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Bi-Level operating mode
- Pulsed and fast pulsed operating mode (2500Hz)
- Easy joining
- Manual restart or downslope stop functions
- Lock-unlock function key protected by password
- Power source trolley for easy system manoeuvrability
- Low noise
- Linear controlled fan on demand
- Current socket (panel) 50/70 mm²
- Digital TIG torch compatible
- Remote control compatible
- WU cooling unit compatible
- Controlled cooling operations

Power source

URANOS NX 3200 TLH					620x240x460mm		26.0kg		IP23S			
 3x400V	 TIG and MMA	S	13.0kVA	X%	40°C	40%	320A	P.F.	0.95	I₂	3-320A	
		P	12.4kW		40°C	60%	300A				U₀	75V
					40°C	100%	270A					
					25°C	65%	320A					
				25°C	100%	270A						
 3x230V	 TIG and MMA	S	13.3kVA	X%	40°C	30%	320A	P.F.	0.96	I₂	3-320A	
		P	12.8kW		40°C	60%	270A				U₀	75V
					40°C	100%	250A					
					25°C	65%	320A					
				25°C	100%	250A						

Cooling unit

WU 2000	360Vdc	P	1.0kW		660x240x220mm		12.0kg		3.0l
----------------	--------	----------	-------	--	---------------	--	--------	--	------

CONFIGURATIONS

URANOS NX 3200 TLH - LCD 3,5" - TIG welding configuration - Gas

55.07.044	URANOS NX 3200TLH 3x230-3x400V LCD3.5"
71.03.079	POWER SOURCE TROLLEY GT 400
81.32.158	ST 2200 U/D TIG WELDING TORCH - 4m - AIR COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m

URANOS NX 3200 TLH - LCD 3,5" - TIG welding configuration - Water

55.07.044	URANOS NX 3200TLH 3x230-3x400V LCD3.5"
71.03.076	COOLING UNIT WU 2000
71.03.079	POWER SOURCE TROLLEY GT 400
81.32.558	ST 3000 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m

ACCESSORIES

Power source

55.07.045	URANOS NX 3200TLH 3x230-3x400V
55.07.044	URANOS NX 3200TLH 3x230-3x400V LCD3.5"

Cooling unit

71.03.076	COOLING UNIT WU 2000
18.91.008	COOLANT CL10 (10kg)
71.03.099	TOOL KIT - URANOS

Remote control

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m
71.02.209	REMOTE CONTROL UNIT RC 100 MP
71.02.20501	CAN BUS CONNECTION CABLE 6m
71.02.205	CAN BUS CONNECTION CABLE 10m
71.02.20504	CAN BUS CONNECTION CABLE 25m
71.02.197	REMOTE CONTROL UNIT RC 120 - L.6m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC 180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC 180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
71.02.215	REMOTE CONTROL UNIT RC 350 MP - L.6m
71.02.21503	REMOTE CONTROL UNIT RC 350 MP - L.20m

Torch

81.32.159	ST 2200 TIG WELDING TORCH - 4m - AIR COOLED
81.32.160	ST 2200 TIG WELDING TORCH - 8m - AIR COOLED
81.32.158	ST 2200 U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.161	ST 2200 U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.157	ST 2200 DIGITIG TIG WELDING TORCH - 4m - AIR COOLED
81.32.162	ST 2200 DIGITIG TIG WELDING TORCH - 8m - AIR COOLED
81.32.173	ST 2200 FX TIG WELDING TORCH - 4m - AIR COOLED
81.32.174	ST 2200 FX TIG WELDING TORCH - 8m - AIR COOLED
81.32.171	ST 2200 FX U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.172	ST 2200 FX U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.169	ST 2200 FX DIGITIG TIG WELDING TORCH - 4m - AIR COOLED
81.32.170	ST 2200 FX DIGITIG TIG WELDING TORCH - 8m - AIR COOLED
81.32.559	ST 3000 TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.560	ST 3000 TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.558	ST 3000 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.561	ST 3000 U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.557	ST 3000 DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.562	ST 3000 DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED

ACCESSORIES

Torch

81.32.573	ST 3000 FX TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.574	ST 3000 FX TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.571	ST 3000 FX U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.572	ST 3000 FX U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.569	ST 3000 FX DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.570	ST 3000 FX DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.397	ST 3000 MP TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.398	ST 3000 MP TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.395	ST 3000 MP U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.396	ST 3000 MP U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.393	ST 3000 MP DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.394	ST 3000 MP DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED

Stick electrode holder

71.04.003	STICK ELECTRODE HOLDER 400A - POWER CABLE 35mm ² - L.4m
71.04.004	STICK ELECTRODE HOLDER 400A - POWER CABLE 50mm ² - L.4m

Earth cable

71.05.012	WORK CABLE - 35mm ² - L.4m
71.05.013	WORK CABLE - 50mm ² - L.4m
71.05.014	WORK CABLE - 70mm ² - L.4m

Power source trolley

71.03.085	POWER SOURCE TROLLEY GT 150
71.03.086	POWER SOURCE TROLLEY GT 350 (only for air cooled units)
71.03.054	TIG RODS HOLDER KIT
71.03.079	POWER SOURCE TROLLEY GT 400
71.03.087	POWER SOURCE TROLLEY GT 600
71.03.091	LIFTING KIT
71.03.092	TRAY KIT - TORCH HOLDERS
71.03.093	CABLE SUPPORT KIT
71.03.094	TORCHE/CABLE SUPPORT KIT
71.03.043	TIG RODS HOLDER KIT

Weld@Net system

74.04.06701	KIT SW WELD@NET PRODUCTION MONITOR NX
74.04.06601	KIT SW WELD@NET PRODUCTION CONTROL MONITOR NX
74.04.070	WELD@NET MONITOR - ADD-ON LICENSE
74.04.071	WELD@NET CONTROL MONITOR - ADD-ON LICENSE
71.02.204	RI XP INTERFACE
71.02.203	RI XP CONNECTION CABLE
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE 10m

Other

73.12.019	TIG TORCH CONNECTORS KIT
-----------	--------------------------

WELDING PROCESS

- MMA (Electrode)
- Air Carbon Arc gouging
- TIG DC Lift and HF start

MATERIALS

- Unalloyed steel
- High alloyed steel
- Nickel alloy
- Copper alloy
- Titanium alloys

APPLICATIONS

- Light job shop fabrication
- Medium-heavy job shop fabrication
- Heavy job shop fabrication
- Boiler and tank construction
- Plants machinery construction
- Oil refinery plants construction
- Automobile industry
- Cycle industry
- Nuclear industry
- Military industry
- Aeronautics and Aerospace industry
- Food industry
- Chemical industry
- Ordinary maintenance
- Repair and overhaul
- Pipeline construction
- Workshops



TECHNICAL FEATURES

- "greenWave" inverter technology for high energy efficiency and perfect control over all welding phases
- High power at 100% of duty cycle
- Heavy duty and environmental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Linear controlled fan on demand
- Energy-saving inverter technology (built-in P.F.C. - power factor controller)
- Full digital and user-friendly LCD graphic display control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Back-up/Restore automatic
- User-defined welding program storage capability (240 free memory locations)
- Totally programmable user interface
- Programmable welding operations safety limits
- Lock-unlock function key protected by password
- Control of several welding units over Ethernet
- Totally welding process remote programming and management by PC network
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Synergic setting for optimal stick welding with multiple types of electrodes
- Precise arc striking and high stability arc
- 2/4 step operating mode
- Bi-Level operating mode
- Pulsed and fast pulsed operating mode (2500Hz)
- Easy joining
- Manual restart or downslope stop functions
- Low noise
- Current socket (panel) 50/70 mm²
- Digital TIG torch compatible
- Smart slope control
- Remote control compatible
- WU cooling unit compatible
- Controlled cooling operations

Power source

URANOS NX 4000 TLH					690x290x510mm		35.4kg		IP23S
 3x400V	 TIG	S 12.6kVA	X%	40°C	60%	400A	P.F. 0.95	I₂ 3-400A	U_o 73V
		P 12.1kW		40°C	100%	360A			
	 MMA	S 16.9kVA	X%	40°C	60%	400A	P.F. 0.95	I₂ 3-400A	U_o 73V
		P 16.1kW		40°C	100%	360A			
 3x230V	 TIG	S 13.0kVA	X%	40°C	60%	400A	P.F. 0.95	I₂ 3-400A	U_o 73V
		P 12.4kW		40°C	100%	360A			
	 MMA	S 13.0kVA	X%	40°C	100%	320A	P.F. 0.95	I₂ 3-320A	U_o 73V
		P 12.4kW		25°C	100%	320A			
URANOS NX 5000 TLH					690x290x510mm		37.3kg		IP23S
 3x400V	 TIG	S 18.2kVA	X%	40°C	50%	500A	P.F. 0.95	I₂ 3-500A	U_o 73V
		P 17.4kW		40°C	60%	470A			
	 MMA	S 23.6kVA	X%	40°C	50%	500A	P.F. 0.95	I₂ 3-500A	U_o 73V
		P 22.5kW		40°C	60%	470A			
 3x230V	 TIG	S 18.9kVA	X%	40°C	50%	500A	P.F. 0.95	I₂ 3-500A	U_o 73V
		P 18.0kW		40°C	60%	470A			
	 MMA	S 17.4kVA	X%	40°C	50%	500A	P.F. 0.95	I₂ 3-400A	U_o 73V
		P 16.5kW		40°C	60%	470A			

Cooling unit

WU 3000		360Vdc	P	1.4kW		705x305x250mm		13.0kg		5.5l
----------------	---	--------	----------	-------	---	---------------	---	--------	---	------

CONFIGURATIONS

URANOS NX 4000 TLH - LCD 3,5" - TIG welding configuration - Water

55.07.046	URANOS NX 4000TLH 3x230-3x400V LCD3.5"
71.03.077	COOLING UNIT WU 3000
71.03.081	POWER SOURCE TROLLEY GT 500
81.32.258	ST 4000 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m

URANOS NX 5000 TLH - LCD 3,5" - TIG welding configuration - Water

55.07.048	URANOS NX 5000TLH 3x230-3x400V LCD3.5"
71.03.077	COOLING UNIT WU 3000
71.03.081	POWER SOURCE TROLLEY GT 500
81.32.659	ST 4500 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m

ACCESSORIES

Power source

55.07.047	URANOS NX 4000TLH 3x230-3x400V
55.07.046	URANOS NX 4000TLH 3x230-3x400V LCD3.5"
55.07.049	URANOS NX 5000TLH 3x230-3x400V
55.07.048	URANOS NX 5000TLH 3x230-3x400V LCD3.5"

Cooling unit

71.03.077	COOLING UNIT WU 3000
18.91.008	COOLANT CL10 (10kg)
71.03.097	TOOL KIT - URANOS

Remote control

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m
71.02.209	REMOTE CONTROL UNIT RC 100 MP
71.02.20501	CAN BUS CONNECTION CABLE 6m
71.02.205	CAN BUS CONNECTION CABLE 10m
71.02.20504	CAN BUS CONNECTION CABLE 25m
71.02.197	REMOTE CONTROL UNIT RC 120 - L.6m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC 180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC 180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
71.02.215	REMOTE CONTROL UNIT RC 350 MP - L.6m
71.02.21503	REMOTE CONTROL UNIT RC 350 MP - L.20m

Torch

81.32.259	ST 4000 TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.260	ST 4000 TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.258	ST 4000 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.261	ST 4000 U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.257	ST 4000 DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.262	ST 4000 DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.273	ST 4000 FX TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.274	ST 4000 FX TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.271	ST 4000 FX U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.272	ST 4000 FX U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.269	ST 4000 FX DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.270	ST 4000 FX DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.661	ST 4500 TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.662	ST 4500 TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.659	ST 4500 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.660	ST 4500 U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.657	ST 4500 DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.658	ST 4500 DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED

Stick electrode holder

71.04.006	STICK ELECTRODE HOLDER 400A - POWER CABLE 70mm ² - L.4m
-----------	--

Earth cable

71.05.014	WORK CABLE - 70mm ² - L.4m
71.05.008	WORK CABLE - 95mm ² - L.4m

Power source trolley

71.03.081	POWER SOURCE TROLLEY GT 500
71.03.089	POWER SOURCE TROLLEY GT 700
71.03.091	LIFTING KIT
71.03.092	TRAY KIT - TORCH HOLDERS
71.03.093	CABLE SUPPORT KIT
71.03.094	TORCHE/CABLE SUPPORT KIT
71.03.043	TIG RODS HOLDER KIT

ACCESSORIES**Weld@Net system**

74.04.06701	KIT SW WELD@NET PRODUCTION MONITOR NX
74.04.06601	KIT SW WELD@NET PRODUCTION CONTROL MONITOR NX
74.04.070	WELD@NET MONITOR - ADD-ON LICENSE
74.04.071	WELD@NET CONTROL MONITOR - ADD-ON LICENSE
71.02.204	RI XP INTERFACE
71.02.203	RI XP CONNECTION CABLE
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE 10m

Other

73.12.019	TIG TORCH CONNECTORS KIT
-----------	--------------------------

WELDING PROCESS

- MMA (Electrode)
- TIG DC Lift and HF start

APPLICATIONS

- Light job shop fabrication
- Building sites
- Shipyards
- Cycle industry
- Nuclear industry
- Food industry
- Chemical industry
- Ordinary maintenance
- Repair and overhaul
- Building
- Plumbing

MATERIALS

- Unalloyed steel
- High alloyed steel
- Nickel alloy
- Copper alloy
- Titanium alloys



TECHNICAL FEATURES

- New generation advanced inverter technology power source for high speed dynamic arc control and superior welding performance
- Heavy duty and enviromental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- Reduced dimensions and compact construction
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Linear controlled fan on demand
- Excellent performances also with long power supply extension cables
- Full digital and user-friendly control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Manual restart or downslope stop functions
- 2/4 step operating mode
- Bi-Level operating mode
- Spot welding mode
- Pulsed and fast pulsed operating mode (2500Hz)
- Synergic post-flow adjustment
- Easy joining
- Current socket (panel) 50/70 mm²
- Up/Down torch compatible (welding current adjustment)
- Remote control compatible

Power source

TERRA 180 TLH		410x150x330mm		8.4kg		IP23S		
	S	8.5kVA	X%	40°C	45%	170A		
		P		5.9kW	40°C	60%	160A	
					0.70	40°C	100%	140A
						25°C	100%	160A
	S	8.5kVA	X%	40°C	35%	170A		
		P		5.9kW	40°C	60%	150A	
					0.70	40°C	100%	120A
						25°C	100%	150A
	Uo	16A		3-170A	I2	106V		
							I2	3-170A

CONFIGURATIONS

TERRA 180 TLH - TIG welding configuration - 4 m torch - ST 1700 U/D

77.57.00601	TERRA 180 TLH WITH ST 1700 U/D TIG TORCH - L.4m
71.05.011	WORK CABLE - 25mm ² - L.4m - PLUG 50mm ²

ACCESSORIES

Power source

77.57.00605	TERRA 180 TLH WITH ST 1700 TIG TORCH - L.4m
77.57.00606	TERRA 180 TLH WITH ST 1700 TIG TORCH - L.8m
77.57.00601	TERRA 180 TLH WITH ST 1700 U/D TIG TORCH - L.4m
77.57.00602	TERRA 180 TLH WITH ST 1700 U/D TIG TORCH - L.8m
77.57.00603	TERRA 180 TLH + TIG TORCH ST2200 U/D 4m
77.57.00604	TERRA 180 TLH + TIG TORCH ST2200 U/D 8m
	TERRA 180 TLH WITH ST 1700 TIG TORCH - L.4m (3 pieces)
	TERRA 180 TLH WITH ST 1700 TIG TORCH - L.8m (3 pieces)
	TERRA 180 TLH WITH ST 1700 U/D TIG TORCH - L.4m (3 pieces)
	TERRA 180 TLH WITH ST 1700 U/D TIG TORCH - L.8m (3 pieces)
	TERRA 180 TLH + TIG TORCH ST2200 U/D 4m (3 pieces)
	TERRA 180 TLH + TIG TORCH ST2200 U/D 8m (3 pieces)
77.57.00617	TERRA 180 TLH WITH ST 1700FX TIG TORCH - L.4m
77.57.00618	TERRA 180 TLH WITH ST 1700FX TIG TORCH - L.8m
77.57.00615	TERRA 180 TLH WITH ST 1700FX TIG TORCH U/D - L.4m
77.57.00616	TERRA 180 TLH WITH ST 1700FX TIG TORCH U/D - L.8m
77.57.00613	TERRA 180 TLH WITH ST 1700MP TIG TORCH - L.4m
77.57.00614	TERRA 180 TLH WITH ST 1700MP TIG TORCH - L.8m
77.57.00611	TERRA 180 TLH WITH ST 1700MP TIG TORCH U/D - L.4m
77.57.00612	TERRA 180 TLH WITH ST 1700MP TIG TORCH U/D - L.8m

Remote control

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m
71.02.209	REMOTE CONTROL UNIT RC 100 MP
71.02.20501	CAN BUS CONNECTION CABLE 6m
71.02.205	CAN BUS CONNECTION CABLE 10m
71.02.20504	CAN BUS CONNECTION CABLE 25m
71.02.197	REMOTE CONTROL UNIT RC 120 - L.6m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC 180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC 180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m

Torch

81.32.458	ST 1500 TIG WELDING TORCH - 4m - AIR COOLED
81.32.459	ST 1500 TIG WELDING TORCH - 8m - AIR COOLED
81.32.461	ST 1500 U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.462	ST 1500 U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.475	ST 1500 FX TIG WELDING TORCH - 4m - AIR COOLED
81.32.476	ST 1500 FX TIG WELDING TORCH - 8m - AIR COOLED
81.32.473	ST 1500 FX U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.474	ST 1500 FX U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.084	ST 1500 MP TIG WELDING TORCH - 4m - AIR COOLED
81.32.085	ST 1500 MP TIG WELDING TORCH - 8m - AIR COOLED
81.32.082	ST 1500 MP U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.083	ST 1500 MP U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.061	ST 1700 TIG WELDING TORCH - 4m - AIR COOLED
81.32.062	ST 1700 TIG WELDING TORCH - 8m - AIR COOLED
81.32.060	ST 1700 U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.065	ST 1700 U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.117	ST 1700 FX TIG WELDING TORCH - 4m - AIR COOLED
81.32.118	ST 1700 FX TIG WELDING TORCH - 8m - AIR COOLED
81.32.115	ST 1700 FX U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.116	ST 1700 FX U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.090	ST 1700 MP TIG WELDING TORCH - 4m - AIR COOLED
81.32.091	ST 1700 MP TIG WELDING TORCH - 8m - AIR COOLED

ACCESSORIES

Torch

81.32.088	ST 1700 MP U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.089	ST 1700 MP U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.159	ST 2200 TIG WELDING TORCH - 4m - AIR COOLED
81.32.160	ST 2200 TIG WELDING TORCH - 8m - AIR COOLED
81.32.158	ST 2200 U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.161	ST 2200 U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.173	ST 2200 FX TIG WELDING TORCH - 4m - AIR COOLED
81.32.174	ST 2200 FX TIG WELDING TORCH - 8m - AIR COOLED
81.32.171	ST 2200 FX U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.172	ST 2200 FX U/D TIG WELDING TORCH - 8m - AIR COOLED

Stick electrode holder

71.04.005	STICK ELECTRODE HOLDER 400A - POWER CABLE 25mm ² - L.4m - PLUG 50mm ²
-----------	---

Earth cable

71.05.011	WORK CABLE - 25mm ² - L.4m - PLUG 50mm ²
-----------	--

Power source trolley

71.03.082	POWER SOURCE TROLLEY GT 200
71.03.051	BRACKET KIT GT 200 (1800 TLH - 180 TLH)
71.03.054	TIG RODS HOLDER KIT

Other

73.12.019	TIG TORCH CONNECTORS KIT
-----------	--------------------------

WELDING PROCESS

- MMA (Electrode)
- TIG DC Lift and HF start

APPLICATIONS

- Light job shop fabrication
- Boiler and tank construction
- Building sites
- Shipyards
- Automobile industry
- Motorcycle industry
- Cycle industry
- Nuclear industry
- Military industry
- Aeronautics and Aerospace industry
- Food industry
- Chemical industry
- Ordinary maintenance
- Repair and overhaul
- Chassis
- Workshops

MATERIALS

- Unalloyed steel
- High alloyed steel
- Nickel alloy
- Copper alloy
- Titanium alloys



TECHNICAL FEATURES

- New generation inverter technology power source (patented 3-level technology)
- Heavy duty and enviromental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- Reduced dimensions and compact construction
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Power source trolley for easy system manoeuvrability
- Full digital and user-friendly control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Back-up/Restore automatic
- Lock-unlock function key protected by password
- Control of several welding units over Ethernet
- Totally welding process remote programming and management by PC network
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Trigger of the arc in HF mode
- Manual restart or downslope stop functions
- Bi-Level operating mode
- Pulsed and fast pulsed operating mode (2500Hz)
- Easy joining
- Current socket (panel) 50/70 mm²
- Up/Down torch compatible (welding current adjustment)
- Remote control compatible
- WU cooling unit compatible
- Controlled cooling operations

Power source

TERRA NX 270 TLH			500x190x400mm		16.1kg		IP23S
		S 14kVA P 9.72kW	X%	40°C 60% 270A 40°C 100% 250A 25°C 100% 270A	P.F. 0.70 16A	I₂ 3-270A U₀ 70V	
		S 14kVA P 9.72kW	X%	40°C 40% 270A 40°C 60% 255A 40°C 100% 240A 25°C 100% 270A	P.F. 0.70 16A	I₂ 3-270A U₀ 70V	

Cooling unit

WU 130		48Vdc	P 0.7kW		480x190x180mm		8.8kg		2.0l
---------------	--	-------	----------------	--	---------------	--	-------	--	------

CONFIGURATIONS

TERRA NX 270 TLH - TIG welding configuration - Gas

55.17.010	TERRA NX 270TLH 3x400V
81.32.158	ST 2200 U/D TIG WELDING TORCH - 4m - AIR COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m

TERRA NX 270 TLH - TIG welding configuration - Water

55.17.010	TERRA NX 270TLH 3x400V
71.03.07001	COOLING UNIT WU130 WITH PRESSURE SWITCH
81.32.558	ST 3000 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m

ACCESSORIES

Power source

55.17.010	TERRA NX 270TLH 3x400V
-----------	------------------------

Cooling unit

71.03.070	COOLING UNIT WU130 WITHOUT PRESSURE SWITCH
71.03.07001	COOLING UNIT WU130 WITH PRESSURE SWITCH
18.91.008	COOLANT CL10 (10kg)

Remote control

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m
71.02.209	REMOTE CONTROL UNIT RC 100 MP
71.02.20501	CAN BUS CONNECTION CABLE 6m
71.02.205	CAN BUS CONNECTION CABLE 10m
71.02.20504	CAN BUS CONNECTION CABLE 25m
71.02.197	REMOTE CONTROL UNIT RC 120 - L.6m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC 180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC 180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m

Torch

81.32.159	ST 2200 TIG WELDING TORCH - 4m - AIR COOLED
81.32.160	ST 2200 TIG WELDING TORCH - 8m - AIR COOLED
81.32.158	ST 2200 U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.161	ST 2200 U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.173	ST 2200 FX TIG WELDING TORCH - 4m - AIR COOLED
81.32.174	ST 2200 FX TIG WELDING TORCH - 8m - AIR COOLED
81.32.171	ST 2200 FX U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.172	ST 2200 FX U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.357	ST 2500 TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.358	ST 2500 TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.359	ST 2500 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.360	ST 2500 U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.385	ST 2500 FX TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.386	ST 2500 FX TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.383	ST 2500 FX U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.384	ST 2500 FX U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.391	ST 2500 MP TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.392	ST 2500 MP TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.389	ST 2500 MP U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.390	ST 2500 MP U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.559	ST 3000 TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.560	ST 3000 TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.558	ST 3000 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.561	ST 3000 U/D TIG WELDING TORCH - 8m - LIQUID COOLED

ACCESSORIES

Torch

81.32.573	ST 3000 FX TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.574	ST 3000 FX TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.571	ST 3000 FX U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.572	ST 3000 FX U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.397	ST 3000 MP TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.398	ST 3000 MP TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.395	ST 3000 MP U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.396	ST 3000 MP U/D TIG WELDING TORCH - 8m - LIQUID COOLED

Stick electrode holder

71.04.003	STICK ELECTRODE HOLDER 400A - POWER CABLE 35mm ² - L.4m
-----------	--

Earth cable

71.05.012	WORK CABLE - 35mm ² - L.4m
-----------	---------------------------------------

Power source trolley

71.03.082	POWER SOURCE TROLLEY GT 200
71.03.054	TIG RODS HOLDER KIT
71.03.083	POWER SOURCE TROLLEY GT 300

Other

73.12.019	TIG TORCH CONNECTORS KIT
-----------	--------------------------

Weld@Net System

79.AK.002	WELDNET PRODUCTION MONITOR/CONTROL MONITOR NX LICENSE - TERRA NX
74.04.06701	KIT SW WELD@NET PRODUCTION MONITOR NX
74.04.06601	KIT SW WELD@NET PRODUCTION CONTROL MONITOR NX
74.04.070	WELD@NET MONITOR - ADD-ON LICENSE
74.04.071	WELD@NET CONTROL MONITOR - ADD-ON LICENSE
71.02.204	RI XP INTERFACE
71.02.203	RI XP CONNECTION CABLE
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE 10m

WELDING PROCESS

- MMA (Electrode)
- TIG DC Lift and HF start

APPLICATIONS

- Medium-heavy job shop fabrication
- Boiler and tank construction
- Plants machinery construction
- Automobile industry
- Cycle industry
- Nuclear industry
- Military industry
- Aeronautics and Aerospace industry
- Food industry
- Chemical industry
- Ordinary maintenance
- Repair and overhaul
- Pipeline construction
- Workshops

MATERIALS

- Unalloyed steel
- High alloyed steel
- Nickel alloy
- Copper alloy
- Titanium alloys
- Aluminum alloy



TECHNICAL FEATURES

- New generation inverter technology power source (patented 3-level technology)
- Heavy duty and environmental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- Extremely rugged, reliable and easy-to-use systems
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Power source trolley for easy system manoeuvrability
- Full digital and user-friendly control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Back-up/Restore automatic
- Lock-unlock function key protected by password
- Complete management of multiple systems on Ethernet
- Software for supervision and full parameter setting of welding operations
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Synergic setting for optimal stick welding with multiple types of electrodes
- Trigger of the arc in HF mode
- Manual restart or downslope stop functions
- Bi-Level operating mode
- Pulsed and fast pulsed operating mode (2500Hz)
- Easy joining
- Current socket (panel) 50/70 mm²
- Up/Down torch compatible (welding current adjustment)
- Remote control compatible
- WU cooling unit compatible
- Controlled cooling operations

Power source

TERRA NX 320 TLH					620x240x460mm		20.5kg		IP23S		
3x400V	TIG	S	15.9kVA	X%	40°C	60%	320A	P.F.	0.68	I ₂	3-320A
		P	10.9kW		40°C	100%	280A				
	MMA	S	15.9kVA	X%	40°C	50%	300A	P.F.	0.68	I ₂	3-300A
		P	10.9kW		40°C	60%	290A				
					25°C	70%	320A				
					25°C	100%	290A				
TERRANX 400 TLH					620x240x460mm		22.5kg		IP23S		
3x400V	TIG	S	18.6kVA	X%	40°C	50%	400A	P.F.	0.72	I ₂	3-400A
		P	13.4kW		40°C	60%	380A				
	MMA	S	18.6kVA	X%	40°C	100%	340A	P.F.	0.72	I ₂	3-350A
		P	13.4kW		40°C	80%	400A				
					25°C	100%	360A				
					25°C	100%	350A				

Cooling unit

WU 230	3x400Vac	P	1.0kW		660x240x220mm		12.0kg		3.0l
--------	----------	---	-------	--	---------------	--	--------	--	------

CONFIGURATIONS

TERRA NX 320 TLH - TIG welding configuration - Gas

55.17.011	TERRA NX 320TLH 3x400V
71.03.079	POWER SOURCE TROLLEY GT 400
81.32.158	ST 2200 U/D TIG WELDING TORCH - 4m - AIR COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m

TERRA NX 320 TLH - TIG welding configuration - Water

55.17.011	TERRA NX 320TLH 3x400V
71.03.079	POWER SOURCE TROLLEY GT 400
71.03.071	COOLING UNIT WU 230 - TERRA
81.32.558	ST 3000 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m

TERRA NX 400 TLH - TIG welding configuration - Water

55.17.012	TERRA NX 400TLH 3x400V
71.03.079	POWER SOURCE TROLLEY GT 400
71.03.071	COOLING UNIT WU 230 - TERRA
81.32.258	ST 4000 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m

ACCESSORIES

Power source

55.17.011	TERRA NX 320TLH 3x400V
55.17.012	TERRA NX 400TLH 3x400V

Cooling unit

71.03.071	COOLING UNIT WU 230 - TERRA
18.91.008	COOLANT CL10 (10kg)
71.03.100	TOOL KIT - TERRA

Remote control

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m
71.02.209	REMOTE CONTROL UNIT RC 100 MP
71.02.20501	CAN BUS CONNECTION CABLE 6m
71.02.205	CAN BUS CONNECTION CABLE 10m
71.02.20504	CAN BUS CONNECTION CABLE 25m
71.02.197	REMOTE CONTROL UNIT RC 120 - L.6m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC 180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC 180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m

Torch

81.32.159	ST 2200 TIG WELDING TORCH - 4m - AIR COOLED
81.32.160	ST 2200 TIG WELDING TORCH - 8m - AIR COOLED
81.32.158	ST 2200 U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.161	ST 2200 U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.173	ST 2200 FX TIG WELDING TORCH - 4m - AIR COOLED
81.32.174	ST 2200 FX TIG WELDING TORCH - 8m - AIR COOLED
81.32.171	ST 2200 FX U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.172	ST 2200 FX U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.559	ST 3000 TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.560	ST 3000 TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.558	ST 3000 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.561	ST 3000 U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.573	ST 3000 FX TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.574	ST 3000 FX TIG WELDING TORCH - 8m - LIQUID COOLED

ACCESSORIES

Torch

81.32.571	ST 3000 FX U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.572	ST 3000 FX U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.397	ST 3000 MP TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.398	ST 3000 MP TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.395	ST 3000 MP U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.396	ST 3000 MP U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.259	ST 4000 TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.260	ST 4000 TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.258	ST 4000 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.261	ST 4000 U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.273	ST 4000 FX TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.274	ST 4000 FX TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.271	ST 4000 FX U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.272	ST 4000 FX U/D TIG WELDING TORCH - 8m - LIQUID COOLED

Stick electrode holder

71.04.003	STICK ELECTRODE HOLDER 400A - POWER CABLE 35mm ² - L.4m
71.04.004	STICK ELECTRODE HOLDER 400A - POWER CABLE 50mm ² - L.4m
71.04.006	STICK ELECTRODE HOLDER 400A - POWER CABLE 70mm ² - L.4m

Earth cable

71.05.012	WORK CABLE - 35mm ² - L.4m
71.05.013	WORK CABLE - 50mm ² - L.4m
71.05.014	WORK CABLE - 70mm ² - L.4m

Power source trolley

71.03.085	POWER SOURCE TROLLEY GT 150
71.03.086	POWER SOURCE TROLLEY GT 350 (only for air cooled units)
71.03.054	TIG RODS HOLDER KIT
71.03.079	POWER SOURCE TROLLEY GT 400
71.03.091	LIFTING KIT
71.03.092	TRAY KIT - TORCH HOLDERS
71.03.093	CABLE SUPPORT KIT
71.03.094	TORCHE/CABLE SUPPORT KIT
71.03.043	TIG RODS HOLDER KIT

Other

73.12.019	TIG TORCH CONNECTORS KIT
-----------	--------------------------

Weld@Net System

79.AK.002	WELDNET PRODUCTION MONITOR/CONTROL MONITOR NX LICENSE - TERRA NX
74.04.06701	KIT SW WELD@NET PRODUCTION MONITOR NX
74.04.06601	KIT SW WELD@NET PRODUCTION CONTROL MONITOR NX
74.04.070	WELD@NET MONITOR - ADD-ON LICENSE
74.04.071	WELD@NET CONTROL MONITOR - ADD-ON LICENSE
71.02.204	RIXP INTERFACE
71.02.203	RIXP CONNECTION CABLE
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE 10m

WELDING PROCESS

- MMA (Electrode)
- TIG DC Lift and HF start
- TIG AC
- TIG MIX AC/DC

MATERIALS

- Unalloyed steel
- High alloyed steel
- Nickel alloy
- Copper alloy
- Titanium alloys
- Aluminum alloy

APPLICATIONS

- Light job shop fabrication
- Boiler and tank construction
- Building sites
- Shipyards
- Automobile industry
- Motorcycle industry
- Cycle industry
- Nuclear industry
- Military industry
- Aeronautics and Aerospace industry
- Food industry
- Chemical industry
- Ordinary maintenance
- Repair and overhaul
- Chassis
- Pipeline construction



TECHNICAL FEATURES

- "greenWave" inverter technology for high energy efficiency and perfect control over all welding phases
- Heavy duty and environmental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- Reduced dimensions and compact construction
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Energy-saving inverter technology (built-in P.F.C. - power factor controller)
- Full digital and user-friendly LCD graphic display control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Back-up/Restore automatic
- User-defined welding program storage capability (240 free memory locations)
- Totally programmable user interface
- Control of several welding units over Ethernet
- Totally welding process remote programming and management by PC network
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Bi-Level operating mode
- Pulsed and fast pulsed operating mode (2500Hz)
- AC waveform selection (Square, Triangle, Sinusoidal, Mixed)
- AC frequency adjustment 200Hz
- Precise arc striking and high stability arc (fuzzy logic)
- Electrode tip rounding controlled by easy rounding functionality
- Easy joining
- Manual restart or downslope stop functions
- "Extra energy" setting for deeper penetration
- Lock-unlock function key protected by password
- User-defined welding program storage capability (64 free memory locations)
- Power source trolley for easy system manoeuvrability
- Low noise
- Linear controlled fan on demand
- Current socket (panel) 50/70 mm²
- Digital TIG torch compatible
- Remote control compatible
- WU cooling unit compatible
- Controlled cooling operations

Power source

URANOS NX 1700 AC/DC				500x190x400mm		18.8kg		IP23S
 1x230V		S 5kVA	X%	40°C 35% 170A	P.F. 1		I₂ 3-170A	U_o 80V
		P 5kW		40°C 60% 150A				
		40°C 100% 130A						
		25°C 100% 170A						
 1x115V		S 5kVA	X%	40°C 35% 150A	P.F. 1		I₂ 3-150A	U_o 80V
		P 5kW		40°C 60% 130A				
		40°C 100% 110A						
		25°C 100% 150A						
 1x230V		S 5kVA	X%	40°C 35% 150A	P.F. 1		I₂ 3-150A	U_o 80V
		P 5kW		40°C 60% 120A				
		40°C 100% 90A						
		25°C 100% 150A						
 1x115V		S 5kVA	X%	40°C 35% 120A	P.F. 1		I₂ 3-120A	U_o 80V
		P 5kW		40°C 60% 100A				
		40°C 100% 80A						
		25°C 100% 120A						

URANOS NX 2200 AC/DC				500x190x400mm		18.8kg		IP23S
 1x230V		S 6.4kVA	X%	40°C 35% 220A	P.F. 1		I₂ 3-220A	U_o 80V
		P 6.4kW		40°C 60% 170A				
		40°C 100% 150A						
		25°C 60% 220A						
 1x115V		S 6.4kVA	X%	40°C 35% 180A	P.F. 1		I₂ 3-180A	U_o 80V
		P 6.4kW		40°C 60% 150A				
		40°C 100% 130A						
		25°C 60% 180A						
 1x230V		S 6.4kVA	X%	40°C 35% 180A	P.F. 1		I₂ 3-180A	U_o 80V
		P 6.4kW		40°C 60% 140A				
		40°C 100% 130A						
		25°C 100% 180A						
 1x115V		S 6.4kVA	X%	40°C 35% 130A	P.F. 1		I₂ 3-130A	U_o 80V
		P 6.4kW		40°C 60% 110A				
		40°C 100% 90A						
		25°C 100% 130A						

Cooling unit

WU 1000		48Vdc	P 0.6kW		480x190x180mm		8.8kg		2.0l
---------	---	-------	----------------	---	---------------	---	-------	---	------

CONFIGURATIONS

URANOS NX 1700 AC/DC - TIG welding configuration - Gas

55.08.049	URANOS NX 1700AC/DC 1x115-1x230V LCD3.5"
81.32.158	ST 2200 U/D TIG WELDING TORCH - 4m - AIR COOLED
71.05.011	WORK CABLE - 25mm ² - L.4m - PLUG 50mm ²

URANOS NX 2200 AC/DC - TIG welding configuration - Gas

55.08.050	URANOS NX 2200AC/DC 1x115-1x230V LCD3.5"
81.32.158	ST 2200 U/D TIG WELDING TORCH - 4m - AIR COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m

URANOS NX 2200 AC/DC - TIG welding configuration - Water

55.08.050	URANOS NX 2200AC/DC 1x115-1x230V LCD3.5"
71.03.075	COOLING UNIT WU1000
81.32.558	ST 3000 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m

ACCESSORIES

Power source

55.08.049	URANOS NX 1700AC/DC 1x115-1x230V LCD3.5"
55.08.050	URANOS NX 2200AC/DC 1x115-1x230V LCD3.5"

Cooling unit

71.03.075	COOLING UNIT WU1000
18.91.008	COOLANT CL10 (10kg)

Remote control

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m
71.02.209	REMOTE CONTROL UNIT RC 100 MP
71.02.20501	CAN BUS CONNECTION CABLE 6m
71.02.205	CAN BUS CONNECTION CABLE 10m
71.02.20504	CAN BUS CONNECTION CABLE 25m
71.02.197	REMOTE CONTROL UNIT RC 120 - L.6m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC 180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC 180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m

Torch

81.32.159	ST 2200 TIG WELDING TORCH - 4m - AIR COOLED
81.32.160	ST 2200 TIG WELDING TORCH - 8m - AIR COOLED
81.32.158	ST 2200 U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.161	ST 2200 U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.157	ST 2200 DIGITIG TIG WELDING TORCH - 4m - AIR COOLED
81.32.162	ST 2200 DIGITIG TIG WELDING TORCH - 8m - AIR COOLED
81.32.173	ST 2200 FX TIG WELDING TORCH - 4m - AIR COOLED
81.32.174	ST 2200 FX TIG WELDING TORCH - 8m - AIR COOLED
81.32.171	ST 2200 FX U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.172	ST 2200 FX U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.169	ST 2200 FX DIGITIG TIG WELDING TORCH - 4m - AIR COOLED
81.32.170	ST 2200 FX DIGITIG TIG WELDING TORCH - 8m - AIR COOLED
81.32.357	ST 2500 TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.358	ST 2500 TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.359	ST 2500 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.360	ST 2500 U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.361	ST 2500 DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.362	ST 2500 DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.385	ST 2500 FX TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.386	ST 2500 FX TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.383	ST 2500 FX U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.384	ST 2500 FX U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.381	ST 2500 FX DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.382	ST 2500 FX DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.391	ST 2500 MP TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.392	ST 2500 MP TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.389	ST 2500 MP U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.390	ST 2500 MP U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.387	ST 2500 MP DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.388	ST 2500 MP DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.559	ST 3000 TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.560	ST 3000 TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.558	ST 3000 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.561	ST 3000 U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.557	ST 3000 DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.562	ST 3000 DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.573	ST 3000 FX TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.574	ST 3000 FX TIG WELDING TORCH - 8m - LIQUID COOLED

ACCESSORIES

Torch

81.32.571	ST 3000 FX U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.572	ST 3000 FX U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.569	ST 3000 FX DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.570	ST 3000 FX DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.397	ST 3000 MP TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.398	ST 3000 MP TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.395	ST 3000 MP U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.396	ST 3000 MP U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.393	ST 3000 MP DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.394	ST 3000 MP DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED

Stick electrode holder

71.04.005	STICK ELECTRODE HOLDER 400A - POWER CABLE 25mm ² - L.4m - PLUG 50mm ²
-----------	---

Earth cable

71.05.011	WORK CABLE - 25mm ² - L.4m - PLUG 50mm ²
71.05.012	WORK CABLE - 35mm ² - L.4m

Power source trolley

71.03.082	POWER SOURCE TROLLEY GT 200
71.03.054	TIG RODS HOLDER KIT
71.03.083	POWER SOURCE TROLLEY GT 300

Weld@Net system

74.04.06701	KIT SW WELD@NET PRODUCTION MONITOR NX
74.04.06601	KIT SW WELD@NET PRODUCTION CONTROL MONITOR NX
74.04.070	WELD@NET MONITOR - ADD-ON LICENSE
74.04.071	WELD@NET CONTROL MONITOR - ADD-ON LICENSE
71.02.204	RIXP INTERFACE
71.02.203	RIXP CONNECTION CABLE
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE 10m

Other

73.12.019	TIG TORCH CONNECTORS KIT
-----------	--------------------------

WELDING PROCESS

- MMA (Electrode)
- TIG DC Lift and HF start
- TIG AC
- TIG MIX AC/DC

MATERIALS

- Unalloyed steel
- High alloyed steel
- Nickel alloy
- Copper alloy
- Titanium alloys
- Aluminum alloy

APPLICATIONS

- | | | |
|-------------------------------------|--------------------------------------|-------------------------|
| - Light job shop fabrication | - Automobile industry | - Chemical industry |
| - Medium-heavy job shop fabrication | - Motorcycle industry | - Ordinary maintenance |
| - Boiler and tank construction | - Cycle industry | - Repair and overhaul |
| - Building sites | - Nuclear industry | - Chassis |
| - Shipyards | - Military industry | - Pipeline construction |
| - Plants machinery construction | - Aeronautics and Aerospace industry | |
| | - Food industry | |



TECHNICAL FEATURES

- | | |
|--|--|
| <ul style="list-style-type: none"> - "greenWave" inverter technology for high energy efficiency and perfect control over all welding phases - Heavy duty and environmental conditions, high service life - CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication) - Software based controls can be upgraded as new features become available - Reduced dimensions and compact construction - High temperature, shockproof, abrasion resistant plastic case - Air flow ducting and fully encapsulated PC board to avoid dust contamination - Energy-saving inverter technology (built-in P.F.C. - power factor controller) - Full digital and user-friendly LCD graphic display control panel - Welding parameters digital display - Last job settings auto-storage at switch-off - Back-up/Restore automatic - User-defined welding program storage capability (240 free memory locations) - Totally programmable user interface - Control of several welding units over Ethernet - Totally welding process remote programming and management by PC network - Ideal for stick welding with multiple types of popular electrodes - Built-in adjustable arc control features (hot start, arc force, antisticking) | <ul style="list-style-type: none"> - Bi-Level operating mode - Pulsed and fast pulsed operating mode (2500Hz) - AC waveform selection (Square, Triangle, Sinusoidal, Mixed) - AC frequency adjustment 200Hz - Precise arc striking and high stability arc (fuzzy logic) - Electrode tip rounding controlled by easy rounding functionality - Easy joining - Manual restart or downslope stop functions - "Extra energy" setting for deeper penetration - Lock-unlock function key protected by password - Power source trolley for easy system manoeuvrability - Low noise - Linear controlled fan on demand - Current socket (panel) 50/70 mm² - Digital TIG torch compatible - Remote control compatible - WU cooling unit compatible - Controlled cooling operations |
|--|--|

Power source

URANOS NX 2700 AC/DC					620x240x460mm		27.0kg		IP23S	
 3x400V	S	10.9kVA	X%	40°C	40%	270A	P.F.	0.95	I₂	3-270A
	P	10.4kW		40°C	60%	250A				
		40°C		100%	230A					
		25°C		100%	270A					
 3x230V	S	11.1kVA	X%	40°C	40%	270A	P.F.	0.96	I₂	3-270A
	P	10.6kW		40°C	60%	240A				
		40°C		100%	220A					
		25°C		100%	270A					
URANOS NX 3200 AC/DC					620x240x460mm		27.5kg		IP23S	
 3x400V	S	13.8kVA	X%	40°C	40%	320A	P.F.	0.95	I₂	3-320A
	P	13.1kW		40°C	60%	300A				
		40°C		100%	270A					
		25°C		65%	320A					
		25°C	100%	290A						
 3x230V	S	14.3kVA	X%	40°C	30%	320A	P.F.	0.96	I₂	3-320A
	P	13.6kW		40°C	60%	270A				
		40°C		100%	250A					
		25°C		65%	320A					
		25°C	100%	250A						

Cooling unit

WU 2000		360Vdc	P	1.0kW		660x240x220mm		12.0kg		3.0l
----------------	---	--------	----------	-------	---	---------------	---	--------	---	------

CONFIGURATIONS

URANOS NX 2700 AC/DC - LCD 3,5" - TIG welding configuration - Gas

55.08.051	URANOS NX 2700AC/DC 3x230-3x400V LCD3.5"
71.03.079	POWER SOURCE TROLLEY GT 400
81.32.158	ST 2200 U/D TIG WELDING TORCH - 4m - AIR COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m

URANOS NX 2700 AC/DC - LCD 3,5" - TIG welding configuration - Water

55.08.051	URANOS NX 2700AC/DC 3x230-3x400V LCD3.5"
71.03.076	COOLING UNIT WU 2000
71.03.079	POWER SOURCE TROLLEY GT 400
81.32.558	ST 3000 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m

URANOS NX 3200 AC/DC - LCD 3,5" - TIG welding configuration - Water

55.08.053	URANOS NX 3200AC/DC 3x230-3x400V LCD3.5"
71.03.076	COOLING UNIT WU 2000
71.03.079	POWER SOURCE TROLLEY GT 400
81.32.558	ST 3000 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m

ACCESSORIES

Power source

55.08.052	URANOS NX 2700AC/DC 3x230-3x400V
55.08.051	URANOS NX 2700AC/DC 3x230-3x400V LCD3.5"
55.08.054	URANOS NX 3200AC/DC 3x230-3x400V
55.08.053	URANOS NX 3200AC/DC 3x230-3x400V LCD3.5"

Cooling unit

71.03.076	COOLING UNIT WU 2000
18.91.008	COOLANT CL10 (10kg)
71.03.099	TOOL KIT - URANOS

ACCESSORIES

Remote control

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m
71.02.209	REMOTE CONTROL UNIT RC 100 MP
71.02.20501	CAN BUS CONNECTION CABLE 6m
71.02.205	CAN BUS CONNECTION CABLE 10m
71.02.20504	CAN BUS CONNECTION CABLE 25m
71.02.197	REMOTE CONTROL UNIT RC 120 - L.6m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC 180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC 180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
71.02.215	REMOTE CONTROL UNIT RC 350 MP - L.6m
71.02.21503	REMOTE CONTROL UNIT RC 350 MP - L.20m

Torch

81.32.159	ST 2200 TIG WELDING TORCH - 4m - AIR COOLED
81.32.160	ST 2200 TIG WELDING TORCH - 8m - AIR COOLED
81.32.158	ST 2200 U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.161	ST 2200 U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.157	ST 2200 DIGITIG TIG WELDING TORCH - 4m - AIR COOLED
81.32.162	ST 2200 DIGITIG TIG WELDING TORCH - 8m - AIR COOLED
81.32.173	ST 2200 FX TIG WELDING TORCH - 4m - AIR COOLED
81.32.174	ST 2200 FX TIG WELDING TORCH - 8m - AIR COOLED
81.32.171	ST 2200 FX U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.172	ST 2200 FX U/D TIG WELDING TORCH - 8m - AIR COOLED
81.32.169	ST 2200 FX DIGITIG TIG WELDING TORCH - 4m - AIR COOLED
81.32.170	ST 2200 FX DIGITIG TIG WELDING TORCH - 8m - AIR COOLED
81.32.559	ST 3000 TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.560	ST 3000 TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.558	ST 3000 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.561	ST 3000 U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.557	ST 3000 DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.562	ST 3000 DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.573	ST 3000 FX TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.574	ST 3000 FX TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.571	ST 3000 FX U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.572	ST 3000 FX U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.569	ST 3000 FX DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.570	ST 3000 FX DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.397	ST 3000 MP TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.398	ST 3000 MP TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.395	ST 3000 MP U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.396	ST 3000 MP U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.393	ST 3000 MP DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.394	ST 3000 MP DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.259	ST 4000 TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.260	ST 4000 TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.258	ST 4000 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.261	ST 4000 U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.257	ST 4000 DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.262	ST 4000 DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.273	ST 4000 FX TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.274	ST 4000 FX TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.271	ST 4000 FX U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.272	ST 4000 FX U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.269	ST 4000 FX DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.270	ST 4000 FX DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED

ACCESSORIES

Torch

81.32.661	ST 4500 TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.662	ST 4500 TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.659	ST 4500 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.660	ST 4500 U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.657	ST 4500 DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.658	ST 4500 DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED

Stick electrode holder

71.04.003	STICK ELECTRODE HOLDER 400A - POWER CABLE 35mm ² - L.4m
71.04.004	STICK ELECTRODE HOLDER 400A - POWER CABLE 50mm ² - L.4m

Earth cable

71.05.012	WORK CABLE - 35mm ² - L.4m
71.05.013	WORK CABLE - 50mm ² - L.4m
71.05.014	WORK CABLE - 70mm ² - L.4m

Power source trolley

71.03.085	POWER SOURCE TROLLEY GT 150
71.03.086	POWER SOURCE TROLLEY GT 350 (only for air cooled units)
71.03.054	TIG RODS HOLDER KIT
71.03.079	POWER SOURCE TROLLEY GT 400
71.03.087	POWER SOURCE TROLLEY GT 600
71.03.091	LIFTING KIT
71.03.092	TRAY KIT - TORCH HOLDERS
71.03.093	CABLE SUPPORT KIT
71.03.094	TORCHE/CABLE SUPPORT KIT
71.03.043	TIG RODS HOLDER KIT

Weld@Net system

74.04.06701	KIT SW WELD@NET PRODUCTION MONITOR NX
74.04.06601	KIT SW WELD@NET PRODUCTION CONTROL MONITOR NX
74.04.070	WELD@NET MONITOR - ADD-ON LICENSE
74.04.071	WELD@NET CONTROL MONITOR - ADD-ON LICENSE
71.02.204	RI XP INTERFACE
71.02.203	RI XP CONNECTION CABLE
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE 10m

Other

73.12.019	TIG TORCH CONNECTORS KIT
-----------	--------------------------

WELDING PROCESS

- MMA (Electrode)
- Air Carbon Arc gouging
- TIG DC Lift and HF start
- TIG AC
- TIG MIX AC/DC

MATERIALS

- Unalloyed steel
- High alloyed steel
- Nickel alloy
- Copper alloy
- Titanium alloys
- Aluminum alloy

APPLICATIONS

- | | |
|---|--|
| <ul style="list-style-type: none"> - Light job shop fabrication - Medium-heavy job shop fabrication - Heavy job shop fabrication - Boiler and tank construction - Building sites - Shipyards - Plants machinery construction - Automobile industry - Motorcycle industry | <ul style="list-style-type: none"> - Cycle industry - Nuclear industry - Military industry - Food industry - Chemical industry - Ordinary maintenance - Repair and overhaul - Chassis - Pipeline construction - Aeronautics and Aerospace industry |
|---|--|



TECHNICAL FEATURES

- | | |
|---|--|
| <ul style="list-style-type: none"> - "greenWave" inverter technology for high energy efficiency and perfect control over all welding phases - High power at 100% of duty cycle - Heavy duty and environmental conditions, high service life - CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication) - Software based controls can be upgraded as new features become available - High temperature, shockproof, abrasion resistant plastic case - Air flow ducting and fully encapsulated PC board to avoid dust contamination - Linear controlled fan on demand - Energy-saving inverter technology (built-in P.F.C. - power factor controller) - Full digital and user-friendly LCD graphic display control panel - Welding parameters digital display - Last job settings auto-storage at switch-off - Back-up/Restore automatic - User-defined welding program storage capability (240 free memory locations) - Totally programmable user interface - Programmable welding operations safety limits - Lock-unlock function key protected by password - Control of several welding units over Ethernet - Totally welding process remote programming and management by PC network | <ul style="list-style-type: none"> - Ideal for stick welding with multiple types of popular electrodes - Built-in adjustable arc control features (hot start, arc force, antisticking) - Synergic setting for optimal stick welding with multiple types of electrodes - Precise arc striking and high stability arc (fuzzy logic) - 2/4 step operating mode - Bi-Level operating mode - Pulsed and fast pulsed operating mode (2500Hz) - Easy joining - Manual restart or downslope stop functions - AC waveform selection (Square, Triangle, Sinusoidal, Mixed) - AC frequency adjustment (200Hz) - Electrode tip rounding controlled by easy rounding functionality - "Extra energy" setting for deeper penetration - Current socket (panel) 50/70 mm² - Digital TIG torch compatible - Smart slope control - Remote control compatible - WU cooling unit compatible - Controlled cooling operations |
|---|--|

Power source

URANOS NX 4000 AC/DC					690x290x510mm		35.4kg		IP23S				
 3x400V	 TIG	S	14.0kVA	X%	40°C	40%	400A	P.F.	0.95	I₂	3-400A		
		P	13.3kW		40°C	60%	360A						U₀
			40°C		100%	330A							
			25°C		80%	400A							
		25°C	100%	370A									
	 MMA	S	18.4kVA	X%	40°C	40%	400A	P.F.	0.95	I₂	3-400A		
P		17.5kW	40°C		60%	360A						U₀	73V
		40°C	100%		330A								
		25°C	80%		400A								
		25°C	100%	370A									
 3x230V	 TIG	S	13.8kVA	X%	40°C	40%	400A	P.F.	0.95	I₂	3-400A		
		P	13.2kW		40°C	60%	340A						U₀
			40°C		100%	310A							
			25°C		65%	400A							
		25°C	100%	350A									
	 MMA	S	13.3kVA	X%	40°C	80%	320A	P.F.	0.95	I₂	3-320A		
P		12.8kW	40°C		100%	300A						U₀	73V
		25°C	100%		320A								
		25°C	100%		320A								
URANOS NX 5000 AC/DC					690x290x510mm			37.3kg		IP23S			
 3x400V	 TIG	S	19.4kVA	X%	40°C	35%	500A	P.F.	0.95	I₂	3-500A		
		P	18.4kW		40°C	60%	450A						U₀
			40°C		100%	400A							
			25°C		70%	500A							
		25°C	100%	430A									
	 MMA	S	24.6kVA	X%	40°C	35%	500A	P.F.	0.95	I₂	3-500A		
P		23.6kW	40°C		60%	440A						U₀	73V
		40°C	100%		390A								
		25°C	70%		500A								
		25°C	100%	420A									
 3x230V	 TIG	S	19.8kVA	X%	40°C	35%	500A	P.F.	0.95	I₂	3-500A		
		P	18.9kW		40°C	60%	440A						U₀
			40°C		100%	390A							
			25°C		60%	500A							
		25°C	100%	420A									
	 MMA	S	18.3kVA	X%	40°C	60%	400A	P.F.	0.95	I₂	3-400A		
P		17.5kW	40°C		100%	360A						U₀	73V
		25°C	100%		400A								
		25°C	100%		400A								

Cooling unit

WU 3000		360Vdc	P	1.4kW		705x305x250mm		13.0kg		5.5l
---------	---	--------	----------	-------	---	---------------	---	--------	---	------

CONFIGURATIONS

URANOS NX 4000 AC/DC - LCD 3,5" - TIG welding configuration - Water

55.08.055	URANOS NX 4000AC/DC 3x230-3x400V LCD3.5"
71.03.077	COOLING UNIT WU 3000
71.03.081	POWER SOURCE TROLLEY GT 500
81.32.659	ST 4500 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m

URANOS NX 5000 AC/DC - LCD 3,5" - TIG welding configuration - Water

55.08.047	URANOS NX 5000AC/DC 3x230-3x400V LCD3.5"
71.03.077	COOLING UNIT WU 3000
71.03.081	POWER SOURCE TROLLEY GT 500
81.32.659	ST 4500 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m

ACCESSORIES

Power source

55.08.056	URANOS NX 4000AC/DC 3x230-3x400V
55.08.055	URANOS NX 4000AC/DC 3x230-3x400V LCD3.5"
55.08.048	URANOS NX 5000AC/DC 3x230-3x400V
55.08.047	URANOS NX 5000AC/DC 3x230-3x400V LCD3.5"

Cooling unit

71.03.077	COOLING UNIT WU 3000
18.91.008	COOLANT CL10 (10kg)
71.03.097	TOOL KIT - URANOS

Remote control

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m
71.02.209	REMOTE CONTROL UNIT RC 100 MP
71.02.20501	CAN BUS CONNECTION CABLE 6m
71.02.205	CAN BUS CONNECTION CABLE 10m
71.02.20504	CAN BUS CONNECTION CABLE 25m
71.02.197	REMOTE CONTROL UNIT RC 120 - L.6m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC 180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC 180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
71.02.215	REMOTE CONTROL UNIT RC 350 MP - L.6m
71.02.21503	REMOTE CONTROL UNIT RC 350 MP - L.20m

Torch

81.32.661	ST 4500 TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.662	ST 4500 TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.659	ST 4500 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.660	ST 4500 U/D TIG WELDING TORCH - 8m - LIQUID COOLED
81.32.657	ST 4500 DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.658	ST 4500 DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED

Stick electrode holder

71.04.006	STICK ELECTRODE HOLDER 400A - POWER CABLE 70mm ² - L.4m
-----------	--

Earth cable

71.05.014	WORK CABLE - 70mm ² - L.4m
71.05.008	WORK CABLE - 95mm ² - L.4m

Power source trolley

71.03.081	POWER SOURCE TROLLEY GT 500
71.03.089	POWER SOURCE TROLLEY GT 700
71.03.091	LIFTING KIT
71.03.092	TRAY KIT - TORCH HOLDERS
71.03.093	CABLE SUPPORT KIT
71.03.094	TORCHE/CABLE SUPPORT KIT
71.03.043	TIG RODS HOLDER KIT

Weld@Net system

74.04.06701	KIT SW WELD@NET PRODUCTION MONITOR NX
74.04.06601	KIT SW WELD@NET PRODUCTION CONTROL MONITOR NX
74.04.070	WELD@NET MONITOR - ADD-ON LICENSE
74.04.071	WELD@NET CONTROL MONITOR - ADD-ON LICENSE
71.02.204	RI XP INTERFACE
71.02.203	RI XP CONNECTION CABLE
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE 10m

Other

73.12.019	TIG TORCH CONNECTORS KIT
-----------	--------------------------

ST1500s

 Gas	 0.5-2.4mm	 4m	X% DC 35% 125A	X% AC 35% 90A
--	--	---	--------------------------	-------------------------

- Torch fitting: 25mm²
- Componentry: small



ST1500s

81.32.460	ST 1500 STIG WELDING TORCH - 4m - AIR COOLED
-----------	--

ST1700s

 Gas	 0.5-2.4mm	 4m	X% DC 35% 150A	X% AC 35% 105A
--	--	---	--------------------------	--------------------------

- Torch fitting: 25mm²
- Componentry: standard



ST1700s

81.32.092	ST 1700 STIG WELDING TORCH - 4m - AIR COOLED
-----------	--

ST1700E

 Gas	 0.5-2.4mm	 4/8m	X% DC 35% 150A	X% AC 35% 105A
--	--	---	--------------------------	--------------------------

- Torch fitting: 50mm²
- Componentry: standard



ST1700E

81.32.063	ST 1700 E TIG WELDING TORCH - 4m - AIR COOLED
-----------	---

81.32.064	ST 1700 E TIG WELDING TORCH - 8m - AIR COOLED
-----------	---

ST1500

				X%DC	X%AC
ST 1500	Gas	0.5-2.4mm	4/8m	35% 125A	35% 90A
ST 1500 U/D	Gas	0.5-2.4mm	4/8m	35% 115A	35% 80A
ST 1500 DigiTig	Gas	0.5-2.4mm	4/8m	35% 125A	35% 90A
ST 1500 FX	Gas	0.5-2.4mm	4/8m	35% 125A	35% 90A
ST 1500 FX U/D	Gas	0.5-2.4mm	4/8m	35% 125A	35% 90A
ST 1500 FX DigiTig	Gas	0.5-2.4mm	4/8m	35% 125A	35% 90A
ST 1500 MP	Gas	0.5-2.4mm	4/8m	35% 125A	35% 90A
ST 1500 MPU/D	Gas	0.5-2.4mm	4/8m	35% 115A	35% 80A
ST 1500 MP DigiTig	Gas	0.5-2.4mm	4/8m	35% 115A	35% 80A



- Torch fitting: 50mm²
- Componentry: small

ST1500

81.32.458	ST 1500 TIG WELDING TORCH - 4m - AIR COOLED
81.32.459	ST 1500 TIG WELDING TORCH - 8m - AIR COOLED
ST1500 U/D	
81.32.461	ST 1500 U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.462	ST 1500 U/D TIG WELDING TORCH - 8m - AIR COOLED
ST1500 DigiTig	
81.32.463	ST 1500 DIGITIG TIG WELDING TORCH - 4m - AIR COOLED
81.32.464	ST 1500 DIGITIG TIG WELDING TORCH - 8m - AIR COOLED
ST1500FX	
81.32.475	ST 1500 FX TIG WELDING TORCH - 4m - AIR COOLED
81.32.476	ST 1500 FX TIG WELDING TORCH - 8m - AIR COOLED
ST1500FX U/D	
81.32.473	ST 1500 FX U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.474	ST 1500 FX U/D TIG WELDING TORCH - 8m - AIR COOLED
ST1500FX DigiTig	
81.32.471	ST 1500 FX DIGITIG TIG WELDING TORCH - 4m - AIR COOLED
81.32.472	ST 1500 FX DIGITIG TIG WELDING TORCH - 8m - AIR COOLED
ST1500MP	
81.32.084	ST 1500 MP TIG WELDING TORCH - 4m - AIR COOLED
81.32.085	ST 1500 MP TIG WELDING TORCH - 8m - AIR COOLED
ST1500MP U/D	
81.32.082	ST 1500 MP U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.083	ST 1500 MP U/D TIG WELDING TORCH - 8m - AIR COOLED
ST1500MP DigiTig	
81.32.080	ST 1500 MP DIGITIG TIG WELDING TORCH - 4m - AIR COOLED
81.32.081	ST 1500 MP DIGITIG TIG WELDING TORCH - 8m - AIR COOLED

ST1700

				X% DC	X% AC
ST 1700	Gas	0.5-2.4mm	4/8m	35% 150A	35% 105A
ST 1700 U/D	Gas	0.5-2.4mm	4/8m	35% 150A	35% 105A
ST 1700 DigiTig	Gas	0.5-2.4mm	4/8m	35% 150A	35% 105A
ST 1700 FX	Gas	0.5-2.4mm	4/8m	35% 150A	35% 105A
ST 1700 FX U/D	Gas	0.5-2.4mm	4/8m	35% 150A	35% 105A
ST 1700 FX DigiTig	Gas	0.5-2.4mm	4/8m	35% 150A	35% 105A
ST 1700 MP	Gas	0.5-2.4mm	4/8m	35% 140A	35% 100A
ST 1700 MP U/D	Gas	0.5-2.4mm	4/8m	35% 140A	35% 100A
ST 1700 MP DigiTig	Gas	0.5-2.4mm	4/8m	35% 140A	35% 100A



- Torch fitting: 50mm²
- Componentry: standard

ST1700

81.32.061	ST 1700 TIG WELDING TORCH - 4m - AIR COOLED
81.32.062	ST 1700 TIG WELDING TORCH - 8m - AIR COOLED
ST1700 U/D	
81.32.060	ST 1700 U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.065	ST 1700 U/D TIG WELDING TORCH - 8m - AIR COOLED
ST1700 DigiTig	
81.32.066	ST 1700 DIGITIG TIG WELDING TORCH - 4m - AIR COOLED
81.32.067	ST 1700 DIGITIG TIG WELDING TORCH - 8m - AIR COOLED
ST1700FX	
81.32.117	ST 1700 FX TIG WELDING TORCH - 4m - AIR COOLED
81.32.118	ST 1700 FX TIG WELDING TORCH - 8m - AIR COOLED
ST1700FX U/D	
81.32.115	ST 1700 FX U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.116	ST 1700 FX U/D TIG WELDING TORCH - 8m - AIR COOLED
ST1700FX DigiTig	
81.32.113	ST 1700 FX DIGITIG TIG WELDING TORCH - 4m - AIR COOLED
81.32.114	ST 1700 FX DIGITIG TIG WELDING TORCH - 8m - AIR COOLED
ST1700MP	
81.32.090	ST 1700 MP TIG WELDING TORCH - 4m - AIR COOLED
81.32.091	ST 1700 MP TIG WELDING TORCH - 8m - AIR COOLED
ST1700MP U/D	
81.32.088	ST 1700 MP U/D TIG WELDING TORCH - 4m - AIR COOLED
81.32.089	ST 1700 MP U/D TIG WELDING TORCH - 8m - AIR COOLED
ST1700MP DigiTig	
81.32.086	ST 1700 MP DIGITIG TIG WELDING TORCH - 4m - AIR COOLED
81.32.087	ST 1700 MP DIGITIG TIG WELDING TORCH - 8m - AIR COOLED

ST2200

				X%DC	X%AC
ST 2200	Gas	0.5-4.0mm	4/8m	35% 180A	35% 125A
ST 2200 U/D	Gas	0.5-4.0mm	4/8m	35% 180A	35% 125A
ST 2200 DigiTig	Gas	0.5-4.0mm	4/8m	35% 180A	35% 125A
ST 2200 FX	Gas	0.5-4.0mm	4/8m	35% 180A	35% 125A
ST 2200 FX U/D	Gas	0.5-4.0mm	4/8m	35% 180A	35% 125A
ST 2200 FX DigiTig	Gas	0.5-4.0mm	4/8m	35% 180A	35% 125A

- Torch fitting: 50mm²
- Componentry: standard



ST2200

81.32.159	ST 2200 TIG WELDING TORCH - 4m - AIR COOLED
-----------	---

81.32.160	ST 2200 TIG WELDING TORCH - 8m - AIR COOLED
-----------	---

ST2200 U/D

81.32.158	ST 2200 U/D TIG WELDING TORCH - 4m - AIR COOLED
-----------	---

81.32.161	ST 2200 U/D TIG WELDING TORCH - 8m - AIR COOLED
-----------	---

ST2200 DigiTig

81.32.157	ST 2200 DIGITIG TIG WELDING TORCH - 4m - AIR COOLED
-----------	---

81.32.162	ST 2200 DIGITIG TIG WELDING TORCH - 8m - AIR COOLED
-----------	---

ST2200 FX

81.32.173	ST 2200 FX TIG WELDING TORCH - 4m - AIR COOLED
-----------	--

81.32.174	ST 2200 FX TIG WELDING TORCH - 8m - AIR COOLED
-----------	--

ST2200 FX U/D

81.32.171	ST 2200 FX U/D TIG WELDING TORCH - 4m - AIR COOLED
-----------	--

81.32.172	ST 2200 FX U/D TIG WELDING TORCH - 8m - AIR COOLED
-----------	--

ST2200 FX DigiTig

81.32.169	ST 2200 FX DIGITIG TIG WELDING TORCH - 4m - AIR COOLED
-----------	--

81.32.170	ST 2200 FX DIGITIG TIG WELDING TORCH - 8m - AIR COOLED
-----------	--

ST2500

				X% DC	X% AC
ST 2500	Water	0.5-4.0mm	4/8m	100% 225A	100% 160A
ST 2500 U/D	Water	0.5-4.0mm	4/8m	100% 225A	100% 160A
ST 2500 DigiTig	Water	0.5-4.0mm	4/8m	100% 225A	100% 160A
ST 2500 FX	Water	0.5-4.0mm	4/8m	100% 225A	100% 160A
ST 2500 FX U/D	Water	0.5-4.0mm	4/8m	100% 225A	100% 160A
ST 2500 FX DigiTig	Water	0.5-4.0mm	4/8m	100% 225A	100% 160A
ST 2500 MP	Water	0.5-4.0mm	4/8m	100% 225A	100% 160A
ST 2500 MP U/D	Water	0.5-4.0mm	4/8m	100% 225A	100% 160A
ST 2500 MP DigiTig	Water	0.5-4.0mm	4/8m	100% 225A	100% 160A

- Torch fitting: 50mm²
- Componentry: small



ST2500

81.32.357	ST 2500 TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.358	ST 2500 TIG WELDING TORCH - 8m - LIQUID COOLED
ST2500 U/D	
81.32.359	ST 2500 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.360	ST 2500 U/D TIG WELDING TORCH - 8m - LIQUID COOLED
ST2500 DigiTig	
81.32.361	ST 2500 DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.362	ST 2500 DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
ST2500FX	
81.32.385	ST 2500 FX TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.386	ST 2500 FX TIG WELDING TORCH - 8m - LIQUID COOLED
ST2500FX U/D	
81.32.383	ST 2500 FX U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.384	ST 2500 FX U/D TIG WELDING TORCH - 8m - LIQUID COOLED
ST2500FX DigiTig	
81.32.381	ST 2500 FX DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.382	ST 2500 FX DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
ST2500MP	
81.32.391	ST 2500 MP TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.392	ST 2500 MP TIG WELDING TORCH - 8m - LIQUID COOLED
ST2500MP U/D	
81.32.389	ST 2500 MP U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.390	ST 2500 MP U/D TIG WELDING TORCH - 8m - LIQUID COOLED
ST2500MP DigiTig	
81.32.387	ST 2500 MP DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.388	ST 2500 MP DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED

ST3000

				X%DC	X%AC
ST 3000	Water	0.5-4.0mm	4/8m	100% 280A	100% 220A
ST 3000 U/D	Water	0.5-4.0mm	4/8m	100% 280A	100% 220A
ST 3000 DigiTig	Water	0.5-4.0mm	4/8m	100% 280A	100% 220A
ST 3000 FX	Water	0.5-4.0mm	4/8m	100% 250A	100% 175A
ST 3000 FX U/D	Water	0.5-4.0mm	4/8m	100% 250A	100% 175A
ST 3000 FX DigiTig	Water	0.5-4.0mm	4/8m	100% 250A	100% 175A
ST 3000 MP	Water	0.5-4.0mm	4/8m	100% 250A	100% 175A
ST 3000 MP U/D	Water	0.5-4.0mm	4/8m	100% 250A	100% 175A
ST 3000 MP DigiTig	Water	0.5-4.0mm	4/8m	100% 250A	100% 175A



- Torch fitting: 50mm²
- Componentry: standard

ST3000

81.32.559	ST 3000 TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.560	ST 3000 TIG WELDING TORCH - 8m - LIQUID COOLED
ST3000 U/D	
81.32.558	ST 3000 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.561	ST 3000 U/D TIG WELDING TORCH - 8m - LIQUID COOLED
ST3000 DigiTig	
81.32.557	ST 3000 DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.562	ST 3000 DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
ST3000FX	
81.32.573	ST 3000 FX TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.574	ST 3000 FX TIG WELDING TORCH - 8m - LIQUID COOLED
ST3000FX U/D	
81.32.571	ST 3000 FX U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.572	ST 3000 FX U/D TIG WELDING TORCH - 8m - LIQUID COOLED
ST3000FX DigiTig	
81.32.569	ST 3000 FX DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.570	ST 3000 FX DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
ST3000MP	
81.32.397	ST 3000 MP TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.398	ST 3000 MP TIG WELDING TORCH - 8m - LIQUID COOLED
ST3000MP U/D	
81.32.395	ST 3000 MP U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.396	ST 3000 MP U/D TIG WELDING TORCH - 8m - LIQUID COOLED
ST3000MP DigiTig	
81.32.393	ST 3000 MP DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.394	ST 3000 MP DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED

ST4000

				X%DC	X%AC
ST 4000	Water	0.5-4.0mm	4/8m	100% 350A	100% 270A
ST 4000 U/D	Water	0.5-4.0mm	4/8m	100% 350A	100% 270A
ST 4000 DigiTig	Water	0.5-4.0mm	4/8m	100% 350A	100% 270A
ST 4000 FX	Water	0.5-4.0mm	4/8m	100% 350A	100% 270A
ST 4000 FX U/D	Water	0.5-4.0mm	4/8m	100% 350A	100% 270A
ST 4000 FX DigiTig	Water	0.5-4.0mm	4/8m	100% 350A	100% 270A

- Torch fitting: 50mm²
- Componentry: standard



ST4000

81.32.259	ST 4000 TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.260	ST 4000 TIG WELDING TORCH - 8m - LIQUID COOLED
ST4000 U/D	
81.32.258	ST 4000 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.261	ST 4000 U/D TIG WELDING TORCH - 8m - LIQUID COOLED
ST4000 DigiTig	
81.32.257	ST 4000 DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.262	ST 4000 DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
ST4000 FX	
81.32.273	ST 4000 FX TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.274	ST 4000 FX TIG WELDING TORCH - 8m - LIQUID COOLED
ST4000 FX U/D	
81.32.271	ST 4000 FX U/D TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.272	ST 4000 FX U/D TIG WELDING TORCH - 8m - LIQUID COOLED
ST4000 FX DigiTig	
81.32.269	ST 4000 FX DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
81.32.270	ST 4000 FX DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED

ST4500

				X%DC	X%AC
ST 4500	Water	0.5-4.0mm	4/8m	100% 410A	100% 290A
ST 4500 U/D	Water	0.5-4.0mm	4/8m	100% 410A	100% 290A
ST 4500 DigiTig	Water	0.5-4.0mm	4/8m	100% 410A	100% 290A

- Torch fitting: 50mm²
- Componentry: ST 4500

**ST4500**

81.32.661	ST 4500 TIG WELDING TORCH - 4m - LIQUID COOLED
-----------	--

81.32.662	ST 4500 TIG WELDING TORCH - 8m - LIQUID COOLED
-----------	--

ST4500 U/D

81.32.659	ST 4500 U/D TIG WELDING TORCH - 4m - LIQUID COOLED
-----------	--

81.32.660	ST 4500 U/D TIG WELDING TORCH - 8m - LIQUID COOLED
-----------	--

ST4500 DigiTig

81.32.657	ST 4500 DIGITIG TIG WELDING TORCH - 4m - LIQUID COOLED
-----------	--

81.32.658	ST 4500 DIGITIG TIG WELDING TORCH - 8m - LIQUID COOLED
-----------	--

Spares TIG torches

• Componentry: standard

COMPATIBLE WITH

- ST1700	- ST1700 FX DigiTig	- ST2200 FX	- ST3000 FX U/D	- ST4000 DigiTig
- ST1700s	- ST1700 MP	- ST2200 FX U/D	- ST3000 FX DigiTig	- ST4000 FX
- ST1700E	- ST1700 MP U/D	- ST2200 FX DigiTig	- ST3000 MP	- ST4000 FX U/D
- ST1700 U/D	- ST1700 MP DigiTig	- ST3000	- ST3000 MP U/D	- ST4000 FX DigiTig
- ST1700 DigiTig	- ST2200	- ST3000 U/D	- ST3000 MP DigiTig	- ST17V
- ST1700 FX	- ST2200 U/D	- ST3000 DigiTig	- ST4000	- ST26V
- ST1700 FX U/D	- ST2200 DigiTig	- ST3000 FX	- ST4000 U/D	



1	Back cap (long)
82.10.018	BACK CAP (LONG) (3 pieces)
2	Back cap (short)
82.10.019	BACK CAP (SHORT) (3 pieces)
3	Gasket
82.10.020	O-RING (10 pieces)
4	Gas nozzle body insulator
82.10.002	GAS NOZZLE BODY INSULATOR (3 pieces)
5	Insulating ring
82.10.350	GAS NOZZLE BODY INSULATOR GAS LENS (3 pieces)
6	Collet
82.10.313	COLLET D.1,0mm (3 pieces)
82.10.314	COLLET D.1,6mm (3 pieces)
82.10.315	COLLET D.2,4mm (3 pieces)
82.10.316	COLLET D.3,2mm (3 pieces)
82.10.317	COLLET D.4,0mm (3 pieces)
7	Collet body
82.10.156	COLLET BODY D.0,5-1,2mm (3 pieces)
82.10.157	COLLET BODY D.1,6mm (3 pieces)
82.10.158	COLLET BODY D.2,4mm (3 pieces)
82.10.159	COLLET BODY D.3,2mm (3 pieces)
82.10.160	COLLET BODY D.4,0mm (3 pieces)
8	Collet body gas lens
82.10.352	COLLET BODY D.1,0mm GAS LENS (3 pieces)
82.10.353	COLLET BODY D.1,6mm GAS LENS (3 pieces)
82.10.354	COLLET BODY D.2,4mm GAS LENS (3 pieces)
82.10.355	COLLET BODY D.3,2mm GAS LENS (3 pieces)
82.10.356	COLLET BODY D.4,0mm GAS LENS (3 pieces)
9	Ceramic gas nozzle
82.10.162	CERAMIC GAS NOZZLE - NO.12 - D.19mm (10 pieces)
82.10.163	CERAMIC GAS NOZZLE - NO.4 - D.6,4mm (10 pieces)
82.10.164	CERAMIC GAS NOZZLE - NO.5 - D.8,0mm (10 pieces)
82.10.166	CERAMIC GAS NOZZLE - NO.6 - D.9,8mm (10 pieces)
82.10.168	CERAMIC GAS NOZZLE - NO.7 - D.11,2mm (10 pieces)
82.10.170	CERAMIC GAS NOZZLE - NO.8 - D.12,7mm (10 pieces)
82.10.161	CERAMIC GAS NOZZLE - NO.10 - D.15,7mm (10 pieces)

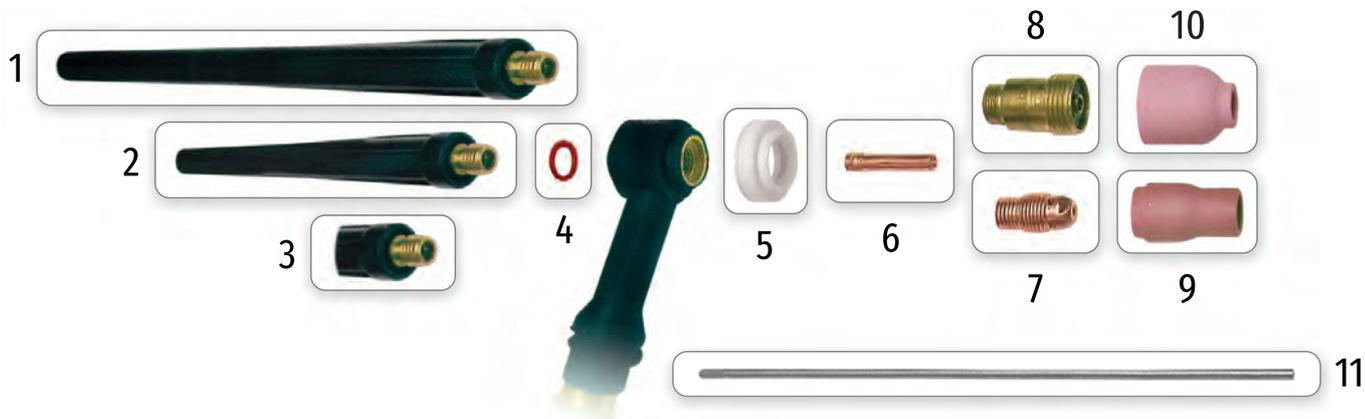
10	Ceramic gas nozzle gas lens
82.10.357	CERAMIC GAS NOZZLE - GR.4 - D.6,4mm GAS LENS (10 pieces)
82.10.358	CERAMIC GAS NOZZLE - GR.5 - D.8,0mm GAS LENS (10 pieces)
82.10.359	CERAMIC GAS NOZZLE - GR.6 - D.9,8mm GAS LENS (10 pieces)
82.10.360	CERAMIC GAS NOZZLE - GR.7 - D.11,2mm GAS LENS (10 pieces)
82.10.361	CERAMIC GAS NOZZLE - GR.8 - D.12,7mm GAS LENS (10 pieces)
82.10.362	CERAMIC GAS NOZZLE GR.12 D.17,2mm GAS LENS (10 pieces)
11	Electrode
82.11.065	TIG ROD WS2 D.1,0mm [TURQUOISE] (10 pieces)
82.11.066	TIG ROD WS2 D.1,6mm [TURQUOISE] (10 pieces)
82.11.068	TIG ROD WS2 D.2,4mm [TURQUOISE] (10 pieces)
82.11.070	TIG ROD WS2 D.3,2mm [TURQUOISE] (10 pieces)
82.11.071	TIG ROD WS2 D.4,0mm [TURQUOISE] (10 pieces)
82.11.053	TIG ROD PURE D.1,6mm [GREEN] (10 pieces)
82.11.055	TIG ROD PURE D.2,4mm [GREEN] (10 pieces)
82.11.057	TIG ROD PURE D.3,2mm [GREEN] (10 pieces)
82.11.058	TIG ROD PURE D.4,0mm [GREEN] (10 pieces)

Spares TIG torches

• Componentry: small

COMPATIBLE WITH

- ST1500s
- ST1500
- ST1500 U/D
- ST1500 DigiTig
- ST1500 FX
- ST1500 FX U/D
- ST1500 FX DigiTig
- ST1500 MP
- ST1500 MP U/D
- ST1500 MP DigiTig
- ST2500
- ST2500 U/D
- ST2500 DigiTig
- ST2500 FX
- ST2500 FX U/D
- ST2500 FX DigiTig
- ST2500 MP
- ST2500 MP U/D
- ST2500 MP DigiTig



1	Back cap (long)
82.10.064	BACK CAP (LONG) (3 pieces)
2	Back cap (medium)
82.10.065	BACK CAP (MEDIUM) (3 pieces)
3	Back cap (short)
82.10.066	BACK CAP (SHORT) (3 pieces)
4	Gasket
82.10.067	O-RING (10 pieces)
5	Nozzle body insulator
82.10.068	GAS NOZZLE BODY INSULATOR (3 pieces)
6	Collet
82.10.200	COLLET D.0,5mm (3 pieces)
82.10.201	COLLET D.1,0mm (3 pieces)
82.10.203	COLLET D.1,6mm (3 pieces)
82.10.204	COLLET D.2,0mm (3 pieces)
82.10.205	COLLET D.2,4mm (3 pieces)
82.10.206	COLLET D.3,2mm (3 pieces)
7	Collet body
82.10.210	COLLET BODY D.0,5-1,0mm (3 pieces)
82.10.212	COLLET BODY D.1,6mm (3 pieces)
82.10.213	COLLET BODY D.2,0mm (3 pieces)
82.10.214	COLLET BODY D.2,4mm (3 pieces)
82.10.215	COLLET BODY D.3,2mm (3 pieces)
8	Collet body gas lens
82.10.363	COLLET BODY D.0,5mm GAS LENS (3 pieces)
82.10.364	COLLET BODY D.1,0mm GAS LENS (3 pieces)
82.10.365	COLLET BODY D.1,6mm GAS LENS (3 pieces)
82.10.366	COLLET BODY D.2,4mm GAS LENS (3 pieces)
82.10.367	COLLET BODY D.3,2mm GAS LENS (3 pieces)
9	Ceramic gas nozzle
82.10.221	CERAMIC GAS NOZZLE GR.4 D.6,0mm (10 pieces)
82.10.225	CERAMIC GAS NOZZLE - NO.5 - D.8,0mm (10 pieces)
82.10.228	CERAMIC GAS NOZZLE GR.6 D.10,0mm (10 pieces)
82.10.230	CERAMIC GAS NOZZLE GR.7 D.11,0mm (10 pieces)
82.10.231	CERAMIC GAS NOZZLE GR.8 D.12,5mm (10 pieces)
82.10.220	CERAMIC GAS NOZZLE GR.10 D.16,0mm (10 pieces)

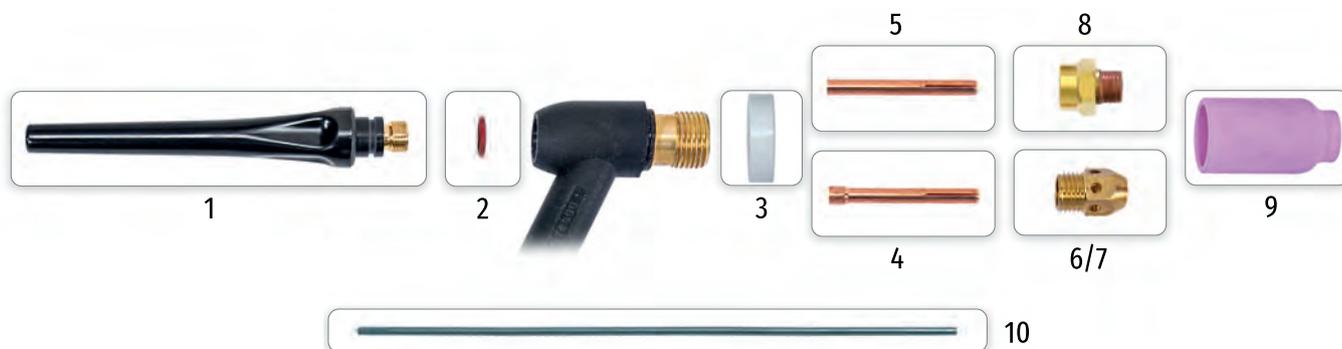
10	Ceramic gas nozzle gas lens
82.10.368	CERAMIC GAS NOZZLE - GR.4 - D.6,4mm GAS LENS (10 pieces)
82.10.369	CERAMIC GAS NOZZLE - GR.5 - D.8,0mm GAS LENS (10 pieces)
82.10.370	CERAMIC GAS NOZZLE - GR.6 - D.9,8mm GAS LENS (10 pieces)
82.10.371	CERAMIC GAS NOZZLE - GR.7 - D.11,2mm GAS LENS (10 pieces)
82.10.372	CERAMIC GAS NOZZLE - GR.8 - D.12,7mm GAS LENS (10 pieces)
11	Electrode
82.11.065	TIG ROD WS2 D.1,0mm [TURQUOISE] (10 pieces)
82.11.066	TIG ROD WS2 D.1,6mm [TURQUOISE] (10 pieces)
82.11.068	TIG ROD WS2 D.2,4mm [TURQUOISE] (10 pieces)
82.11.070	TIG ROD WS2 D.3,2mm [TURQUOISE] (10 pieces)
82.11.071	TIG ROD WS2 D.4,0mm [TURQUOISE] (10 pieces)
82.11.053	TIG ROD PURE D.1,6mm [GREEN] (10 pieces)
82.11.055	TIG ROD PURE D.2,4mm [GREEN] (10 pieces)
82.11.057	TIG ROD PURE D.3,2mm [GREEN] (10 pieces)
82.11.058	TIG ROD PURE D.4,0mm [GREEN] (10 pieces)

Spares TIG torches

• Componentry: ST 4500

COMPATIBLE WITH

- ST4500
- ST4500 U/D
- ST4500 DigiTig



1	Back cap (long)
82.10.018	BACK CAP (LONG) (3 pieces)
2	Gasket
82.10.020	O-RING (10 pieces)
3	Nozzle body insulator
82.10.430	GAS NOZZLE BODY INSULATOR (3 pieces)
4	Collet
82.10.313	COLLET D.1,0mm (3 pieces)
82.10.314	COLLET D.1,6mm (3 pieces)
82.10.315	COLLET D.2,4mm (3 pieces)
5	Collet heavy duty
82.10.188	COLLET HD D.3,2mm (3 pieces)
82.10.189	COLLET HD D.4,0mm (3 pieces)
82.10.190	COLLET HD D.4,8mm (3 pieces)
6	Collet body
82.10.216	COLLET BODY D.1,0-3,2 mm (3 pieces)
7	Collet body heavy duty
82.10.217	COLLET BODY HD D.3,2-4,8 mm (3 pieces)
8	Collet body gas lens
82.10.431	COLLET BODY D.1,6mm GAS LENS (3 pieces)
82.10.432	COLLET BODY D.2,4mm GAS LENS (3 pieces)
82.10.433	COLLET BODY D.3,2mm GAS LENS (3 pieces)
82.10.434	COLLET BODY D.4,0mm GAS LENS (3 pieces)
82.10.435	COLLET BODY D.4,8mm GAS LENS (3 pieces)
9	Ceramic gas nozzle gas lens
82.10.357	CERAMIC GAS NOZZLE - GR.4 - D.6,4mm GAS LENS (10 pieces)
82.10.358	CERAMIC GAS NOZZLE - GR.5 - D.8,0mm GAS LENS (10 pieces)
82.10.359	CERAMIC GAS NOZZLE - GR.6 - D.9,8mm GAS LENS (10 pieces)
82.10.360	CERAMIC GAS NOZZLE - GR.7 - D.11,2mm GAS LENS (10 pieces)
82.10.361	CERAMIC GAS NOZZLE - GR.8 - D.12,7mm GAS LENS (10 pieces)
82.10.362	CERAMIC GAS NOZZLE GR.12 D.17,2mm GAS LENS (10 pieces)
10	Electrode
82.11.065	TIG ROD WS2 D.1,0mm [TURQUOISE] (10 pieces)
82.11.066	TIG ROD WS2 D.1,6mm [TURQUOISE] (10 pieces)
82.11.068	TIG ROD WS2 D.2,4mm [TURQUOISE] (10 pieces)
82.11.070	TIG ROD WS2 D.3,2mm [TURQUOISE] (10 pieces)
82.11.071	TIG ROD WS2 D.4,0mm [TURQUOISE] (10 pieces)
82.11.053	TIG ROD PURE D.1,6mm [GREEN] (10 pieces)
82.11.055	TIG ROD PURE D.2,4mm [GREEN] (10 pieces)
82.11.057	TIG ROD PURE D.3,2mm [GREEN] (10 pieces)
82.11.058	TIG ROD PURE D.4,0mm [GREEN] (10 pieces)

SELECTION GUIDE
TIG Systems

	URANOS 1500 TLH	URANOS 1800 TLH	URANOS NX 2200 TLH	URANOS NX 2700 TLH	URANOS NX 3200 TLH	URANOS NX 4000 TLH	URANOS NX 5000 TLH	TERRA 180 TLH	TERRA NX 270 TLH	TERRA NX 320/400 TLH	URANOS NX 1700 AC/DC	URANOS NX 2200 AC/DC	URANOS NX 2700 AC/DC	URANOS NX 3200 AC/DC	URANOS NX 4000 AC/DC	URANOS NX 5000 AC/DC
Inverter																
Inverter technology	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
"greenWave" inverter technology		●	●	●	●	●	●				●	●	●	●	●	●
Power supply																
Single phase (1x115V)		●									●	●				
Single phase (1x230V)	●	●						●			●	●				
Three-phase mains supply (3x230V)			●	●	●	●	●						●	●	●	●
Three-phase mains supply (3x400V)			●	●	●	●	●		●	●			●	●	●	●
Compatible with motogenerator	●	●		●	●	●	●	●	●	●			●	●	●	●
Main functions																
Welding parameters digital display	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Current reading	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Voltage reading	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Digital adjustment of parameters	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Set up	●	●	●	●	●	●	●									
Memory programs			●	●	●	●	●				●	●	●	●	●	●
Lock-unlock function key protected by password			●	●	●	●	●		●	●	●	●	●	●	●	●
Back-up/Restore automatic			●	●	●	●	●		●	●	●	●	●	●	●	●
MMA welding process	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
VRD		●	●	●	●	●	●		●	●	●	●	●	●	●	●
MMA Synergy	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●
Hot start	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Arc force	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Antisticking	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
TIG DcDrive welding process	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
TIG DcPulse welding process	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
TIG FastPulse welding process	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
TIG AcDrive welding process											●	●	●	●	●	●
TIG AcPulse welding process											●	●	●	●	●	●
TIG MixAC welding process											●	●	●	●	●	●
TIG EasyArc welding process	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Trigger of the arc in Lift mode	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Trigger of the arc in HF mode	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Fuzzy logic											●	●	●	●	●	●
Easy rounding											●	●	●	●	●	●
Start/finish current management	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Current ramp up/down management	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Pre-flow and post-flow time adjustment	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Constant Current DC	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Alternate Current AC											●	●	●	●	●	●
2/4 step operating mode	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Bi-Level operating mode	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Smart slope control			●	●	●	●	●				●	●	●	●	●	●
Spot welding mode	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Micro Time Spot Welding (nts)		●	●	●	●	●	●		●	●	●	●	●	●	●	●
Restart		●	●	●	●	●	●		●	●	●	●	●	●	●	●
Easy joining		●	●	●	●	●	●		●	●	●	●	●	●	●	●
AC balance adjustment											●	●	●	●	●	●
Extra energy											●	●	●	●	●	●
AC waveform selection (Square, Triangle, Sinusoidal, Mixed)											●	●	●	●	●	●
Remote control units																
RC 100		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
RC 100 MP		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
RC 120		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
RC 180		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

● = Included ○ = Optional

SELECTION GUIDE
TIG Systems

	URANOS 1500 TLH	URANOS 1800 TLH	URANOS NX 2200 TLH	URANOS NX 2700 TLH	URANOS NX 3200 TLH	URANOS NX 4000 TLH	URANOS NX 5000 TLH	TERRA 180 TLH	TERRA NX 270 TLH	TERRA NX 320/400 TLH	URANOS NX 1700 AC/DC	URANOS NX 2200 AC/DC	URANOS NX 2700 AC/DC	URANOS NX 3200 AC/DC	URANOS NX 4000 AC/DC	URANOS NX 5000 AC/DC
RC 200		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
RC 350 MP				○	○	○	○	○	○	○	○	○	○	○	○	○
Robot and Weld@Net interfaces																
RI 1000		○		○	○	○	○	○			○	○	○	○	○	○
RI 2000				○	○	○	○	○			○	○	○	○	○	○
RI 3000				○	○	○	○	○			○	○	○	○	○	○
RI XP			○	○	○	○	○		○	○	○	○	○	○	○	○
RI WA			○	○	○	○	○		○	○	○	○	○	○	○	○
Weld@Net Service Loader			○	○	○	○	○		○	○	○	○	○	○	○	○
Weld@Net Service Manager			○	○	○	○	○		○	○	○	○	○	○	○	○
Weld@Net Production Monitor NX			○	○	○	○	○		○	○	○	○	○	○	○	○
Weld@Net Production Control Monitor NX			○	○	○	○	○		○	○	○	○	○	○	○	○
TIG torches																
ST 1500/ST 1500 FX/ST 1500 MP		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
ST 1500s	○															
ST 1500 U/D/ST 1500 FX U/D/ST 1500 MP U/D		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
ST 1500 DigiTig/ST 1500 FX DigiTig/ST 1500 MP DigiTig			○	○	○	○	○				○	○	○	○	○	○
ST 1700/ST 1700 FX/ST 1700 MP		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
ST 1700s	○															
ST 1700 U/D/ST 1700 FX U/D/ST 1700 MP U/D		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
ST 1700 DigiTig/ST 1700 FX DigiTig/ST 1700 MP DigiTig			○	○	○	○	○				○	○	○	○	○	○
ST 2200/ST 2200 FX		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
ST 2200 U/D/ST 2200 FX U/D		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
ST 2200 DigiTig/ST 2200 FX DigiTig			○	○	○	○	○				○	○	○	○	○	○
ST 2500/ST 2500 FX/ST 2500 MP		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
ST 2500 U/D/ST 2500 FX U/D/ST 2500 MP U/D		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
ST 2500 DigiTig/ST 2500 FX DigiTig/ST 2500 MP DigiTig			○	○	○	○	○				○	○	○	○	○	○
ST 3000/ST 3000 FX/ST 3000 MP		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
ST 3000 U/D/ST 3000 FX U/D/ST 3000 MP U/D		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
ST 3000 DigiTig/ST 3000 FX DigiTig/ST 3000 MP DigiTig			○	○	○	○	○				○	○	○	○	○	○
ST 4000/ST 4000 FX		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
ST 4000 U/D/ST 4000 FX U/D		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
ST 4000 DigiTig/ST 4000 FX DigiTig			○	○	○	○	○				○	○	○	○	○	○
ST 4500		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
ST 4500 U/D		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
ST 4500 DigiTig			○	○	○	○	○				○	○	○	○	○	○
Torch cooling unit																
WU 1000			○	○							○	○				
WU 2000					○								○	○		
WU 3000						○	○								○	○
WU 130								○								
WU 230									○							
WU filter					○	○	○			○			○	○	○	○
Power-source trolley																
GT 150					○					○			○	○		
GT 200		○	○	○				○	○		○	○				
GT 300			○	○					○		○	○				
GT 350					○					○			○	○		
GT 400					○					○			○	○		
GT 500						○	○						○	○		○
GT 600					○								○	○		○
GT 700						○	○								○	○
Suitcase kit																
Kit version available	●															

● = Included

○ = Optional

SELECTION GUIDE
TIG Systems

	URANOS 1500 TLH	URANOS 1800 TLH	URANOS NX 2200 TLH	URANOS NX 2700 TLH	URANOS NX 3200 TLH	URANOS NX 4000 TLH	URANOS NX 5000 TLH	TERRA 180 TLH	TERRA NX 270 TLH	TERRA NX 320/400 TLH	URANOS NX 1700 AC/DC	URANOS NX 2200 AC/DC	URANOS NX 2700 AC/DC	URANOS NX 3200 AC/DC	URANOS NX 4000 AC/DC	URANOS NX 5000 AC/DC
Applications																
Light job shop fabrication	●	●	●	●				●	●		●	●	●	●	●	●
Medium-heavy job shop fabrication					●	●	●			●				●	●	●
Boiler and tank construction			●	●	●	●	●			●	●	●	●	●	●	●
Building sites	●	●	●	●				●	●	●	●	●	●	●	●	●
Shipyards		●	●	●				●	●		●	●	●	●	●	●
Plants machinery construction					●	●	●			●			●	●	●	●
Automobile industry			●	●	●	●	●		●	●	●	●	●	●	●	●
Motorcycle industry			●	●	●				●	●	●	●	●	●	●	●
Cycle industry	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Nuclear industry		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Military industry			●	●	●	●	●	●	●	●	●	●	●	●	●	●
Aeronautics and Aerospace industry			●	●	●	●	●		●	●	●	●	●	●	●	●
Food industry	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Chemical industry	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Ordinary maintenance	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Repair and overhaul		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Pipeline construction			●	●	●	●	●		●	●	●	●	●	●	●	●
Chassis	●	●	●	●				●	●	●	●	●	●	●	●	●
Building	●	●						●			●	●				
Plumbing	●	●	●					●	●		●	●				
Stand construction workers	●															
Electricians	●															
Tinsmiths	●															
Workshops		●	●	●	●	●	●	●	●	●		●	●	●	●	●

● = Suitable

WELDING PROCESS

- MMA (Electrode)
- TIG DC Lift start

SUITCASE KIT

- Practical sturdy suitcase kit with a complete set of welding workplace equipment

MATERIALS

- Unalloyed steel
- High alloyed steel
- Cast irons

INCLUDING:

- Welding power source
- Stick electrode holder
- Earth cable
- Wire brush and de-slagging hammer
- Hand-shield
- Extension carrying strap
- 20 pcs electrode pack

APPLICATIONS

- Light job shop fabrication
- Building sites
- Ordinary maintenance
- Handicraft working
- Chassis
- Building
- Plumbing
- Installers
- Blacksmiths
- Electricians
- Tinsmiths



TECHNICAL FEATURES

- New generation advanced inverter technology power source for high speed dynamic arc control and superior welding performance
- Heavy duty and enviromental conditions, high service life
- Reduced dimensions and compact construction
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Linear controlled fan on demand
- Excellent performances also with long power supply extension cables
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Reduced electromagnetic interference with lift start TIG welding
- Current socket (panel) 25mm²

Power source

URANOS 1500		260x120x190mm		2.6kg		IP23S		
 1x230V	S P	6.6kVA 4.6kW	X%	40°C 30% 150A 40°C 60% 125A 40°C 100% 110A	P.F.	0.70 16A	I₂ U₀	5-150A 85V

CONFIGURATIONS

URANOS 1500 - Suitcase kit

74.05.016	URANOS 1500 MMA - SUITCASE KIT
-----------	--------------------------------

ACCESSORIES

Torch

81.02.005	SR 17 V TIG WELDING TORCH - 4m - AIR COOLED
81.02.004	SR 17 V TIG WELDING TORCH - 8m - AIR COOLED

WELDING PROCESS

- MMA (Electrode)
- TIG DC Lift start

SUITCASE KIT

- Practical sturdy suitcase kit with a complete set of welding workplace equipment

MATERIALS

- Unalloyed steel
- High alloyed steel
- Cast irons

INCLUDING:

- Welding power source
- Stick electrode holder
- Earth cable
- Wire brush and de-slagging hammer
- Hand-shield
- Extension carrying strap
- 20 pcs electrode pack

APPLICATIONS

- Light job shop fabrication
- Building sites
- Ordinary maintenance
- Repair and overhaul
- Sheet metal working
- Chassis
- Building
- Plumbing
- Installers
- Blacksmiths
- Electricians
- Tinsmiths



TECHNICAL FEATURES

- New generation advanced inverter technology power source for high speed dynamic arc control and superior welding performance
- Heavy duty and enviromental conditions, high service life
- Reduced dimensions and compact construction
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Linear controlled fan on demand
- Excellent performances also with long power supply extension cables
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Reduced electromagnetic interference with lift start TIG welding
- Remote control compatible
- Current socket (panel) 25mm²

Power source

URANOS 1500 RC				260x120x190mm		2.6kg		IP23S	
	S	6.6kVA	X%	40°C	P.F.	0.70	I₂ U₀	5-150A	
1x230V	P	4.6kW		40°C		60%		16A	85V
				40°C		100%		110A	

CONFIGURATIONS

URANOS 1500 RC - Suitcase kit

74.05.017	URANOS 1500 RC - SUITCASE KIT
-----------	-------------------------------

ACCESSORIES

Torch

81.02.005	SR 17 VTIG WELDING TORCH - 4m - AIR COOLED
81.02.004	SR 17 VTIG WELDING TORCH - 8m - AIR COOLED

Remote control

71.02.195	REMOTE CONTROL UNIT RC 18 - L.6m
-----------	----------------------------------

SUITCASE KIT

- Practical sturdy suitcase kit with a complete set of welding workplace equipment

INCLUDING:

- Welding power source
- Stick electrode holder
- Earth cable
- Wire brush and de-slagging hammer
- Hand-shield
- Extension carrying strap
- 20 pcs electrode pack

WELDING PROCESS

- MMA (Electrode)
- TIG DC Lift start

MATERIALS

- Unalloyed steel
- High alloyed steel
- Cast irons



APPLICATIONS

- Light job shop fabrication
- Building sites
- Ordinary maintenance
- Repair and overhaul
- Sheet metal working
- Chassis
- Building
- Plumbing
- Installers
- Blacksmiths
- Electricians
- Tinsmiths



TECHNICAL FEATURES

- New generation advanced inverter technology power source for high speed dynamic arc control and superior welding performance
- Heavy duty and enviromental conditions, high service life
- Reduced dimensions and compact construction
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Linear controlled fan on demand
- Excellent performances also with long power supply extension cables
- Full digital and user-friendly control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Synergic setting for optimal stick welding with multiple types of electrodes
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Reduced electromagnetic interference with lift start TIG welding
- Current socket (panel) 25mm²

Power source

URANOS 1500 DP				260x120x190mm			2.6kg		IP23S	
	S	6.6kVA	X%	40°C	30%	150A	P.F.		5-150A	
	P	4.6kW		40°C	60%	125A				16A
				40°C	100%	110A				

CONFIGURATIONS

URANOS 1500 DP - Suitcase kit

74.05.018	URANOS 1500 DP - SUITCASE KIT
-----------	-------------------------------

ACCESSORIES

Power source

74.05.018	URANOS 1500 DP - SUITCASE KIT
	URANOS 1500 DP - SUITCASE KIT (5 pieces)
	URANOS 1500 DP 1X230V (5 pieces)
	URANOS 1500 DP 1X230V (20 pieces)

Torch

81.02.005	SR 17 V TIG WELDING TORCH - 4m - AIR COOLED
81.02.004	SR 17 V TIG WELDING TORCH - 8m - AIR COOLED

Stick electrode holder

71.04.002	STICK ELECTRODE HOLDER 200A - POWER CABLE 25mm ² - L.4m - PLUG 25mm ²
-----------	---

Earth cable

71.05.009	WORK CABLE - 25mm ² - L.4m - PLUG 25mm ²
-----------	--

WELDING PROCESS

- MMA (Electrode)
- TIG DC Lift start

MATERIALS

- Unalloyed steel
- High alloyed steel
- Cast irons

APPLICATIONS

- Light job shop fabrication
- Medium-heavy job shop fabrication
- Building sites
- Shipyards
- Plants machinery construction
- Oil refinery plants construction
- Ordinary maintenance
- Repair and overhaul
- Handicraft working
- Chassis
- Building
- Plumbing
- Installers
- Blacksmiths
- Electricians
- Tinsmiths



TECHNICAL FEATURES

- "greenWave" inverter technology for high energy efficiency and perfect control over all welding phases
- Heavy duty and enviromental conditions, high service life
- Reduced dimensions and compact construction
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Linear controlled fan on demand
- Excellent performances also with long power supply extension cables
- Energy-saving inverter technology (built-in P.F.C. - power factor controller)
- Full digital and user-friendly control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Synergic setting for optimal stick welding with multiple types of electrodes
- Reduced electromagnetic interference with lift start TIG welding
- Remote control compatible
- Current socket (panel) 50/70 mm²

Power source

URANOS 1800 RC			410x150x330mm		9.0kg		IP23S			
		S 5.4kVA	X%	40°C 35% 180A	P.F. 1		I₂ 3-180A			
		P 5.4kW		40°C 60% 160A						
		S 5.4kVA		40°C 100% 140A				P.F. 1		I₂ 3-170A
		P 5.4kW		25°C 70% 180A						
			25°C 100% 160A			U_o 80V				
		S 3.3kVA	X%	40°C 30% 140A	P.F. 1		I₂ 3-140A			
		P 3.3kW		40°C 60% 120A						
		S 3.3kVA		40°C 100% 105A				P.F. 1		I₂ 3-110A
		P 3.3kW		25°C 70% 140A						
			25°C 100% 130A			U_o 80V				
			40°C 30% 110A			U_o 80V				
			40°C 60% 95A							
			40°C 100% 80A							
			25°C 60% 110A							
			25°C 100% 95A							

CONFIGURATIONS

URANOS 1800 RC - MMA welding configuration

55.02.043	URANOS 1800 RC 1x115V-1x230V
71.04.005	STICK ELECTRODE HOLDER 400A - POWER CABLE 25mm ² - L.4m - PLUG 50mm ²
71.05.011	WORK CABLE - 25mm ² - L.4m - PLUG 50mm ²

ACCESSORIES

Power source

55.02.043	URANOS 1800 RC 1x115V-1x230V
-----------	------------------------------

Remote control

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m
71.02.209	REMOTE CONTROL UNIT RC 100 MP
71.02.20501	CAN BUS CONNECTION CABLE 6m
71.02.205	CAN BUS CONNECTION CABLE 10m
71.02.20504	CAN BUS CONNECTION CABLE 25m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC 180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC 180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m

Torch

81.02.008	SR 26 V TIG WELDING TORCH - 4m - AIR COOLED
81.02.009	SR 26 V TIG WELDING TORCH - 8m - AIR COOLED

Stick electrode holder

71.04.005	STICK ELECTRODE HOLDER 400A - POWER CABLE 25mm ² - L.4m - PLUG 50mm ²
-----------	---

Earth cable

71.05.011	WORK CABLE - 25mm ² - L.4m - PLUG 50mm ²
-----------	--

WELDING PROCESS

- MMA (Electrode)
- TIG DC Lift start

MATERIALS

- Unalloyed steel
- High alloyed steel
- Cast irons

APPLICATIONS

- Light job shop fabrication
- Building sites
- Ordinary maintenance
- Handicraft working
- Chassis
- Building
- Plumbing
- Installers
- Blacksmiths
- Electricians



TECHNICAL FEATURES

- Advanced inverter technology power source for superior arc performance
- Heavy duty and environmental conditions, high service life
- Reduced dimensions and compact construction
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Excellent performances also with long power supply extension cables
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Reduced electromagnetic interference with lift start TIG welding
- Current socket (panel) 25mm²

Power source

TERRA 150			280x110x220mm		4.1kg		IP23S				
		S	7.5kVA	X%	40°C	35%	150A	P.F.	0.63	I₂	5-150A
		P	4.7kW		40°C	60%	130A				
					40°C	100%	100A				
		S	7.5kVA	X%	40°C	35%	150A	P.F.	0.63	I₂	5-150A
		P	4.7kW		40°C	60%	120A				
					40°C	100%	100A				

CONFIGURATIONS

TERRA 150 - MMA welding configuration

55.12.016	TERRA 150 1x230V
71.04.002	STICK ELECTRODE HOLDER 200A - POWER CABLE 25mm ² - L.4m - PLUG 25mm ²
71.05.009	WORKCABLE - 25mm ² - L.4m - PLUG 25mm ²

ACCESSORIES

Power source

55.12.016	TERRA 150 1x230V
	TERRA 150 1x230V (5 pieces)

Torch

81.02.005	SR 17 V TIG WELDING TORCH - 4m - AIR COOLED
81.02.004	SR 17 V TIG WELDING TORCH - 8m - AIR COOLED

Stick electrode holder

71.04.002	STICK ELECTRODE HOLDER 200A - POWER CABLE 25mm ² - L.4m - PLUG 25mm ²
-----------	---

Earth cable

71.05.009	WORKCABLE - 25mm ² - L.4m - PLUG 25mm ²
-----------	---

WELDING PROCESS

- MMA (Electrode)
- TIG DC Lift start

MATERIALS

- Unalloyed steel
- High alloyed steel
- Cast irons

APPLICATIONS

- Light job shop fabrication
- Medium-heavy job shop fabrication
- Building sites
- Shipyards
- Plants machinery construction
- Oil refinery plants construction
- Ordinary maintenance
- Repair and overhaul
- Handicraft working
- Chassis
- Building
- Plumbing
- Installers
- Blacksmiths
- Electricians
- Tinsmiths



TECHNICAL FEATURES

- New generation advanced inverter technology power source for high speed dynamic arc control and superior welding performance
- Heavy duty and environmental conditions, high service life
- Reduced dimensions and compact construction
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Linear controlled fan on demand
- Excellent performances also with long power supply extension cables
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Reduced electromagnetic interference with lift start TIG welding
- Current socket (panel) 50/70 mm²

Power source

TERRA 180			410x150x330mm		8.0kg		IP23S
	S 8.5kVA	X%	40°C 35% 170A	P.F. 0.70		I₂ 3-170A	U₀ 80V
1x230V	P 5.9kW		40°C 60% 150A				
			40°C 100% 120A				
			25°C 100% 150A				

CONFIGURATIONS

TERRA 180 - MMA welding configuration

55.12.012	TERRA 180 1x230V
71.04.005	STICK ELECTRODE HOLDER 400A - POWER CABLE 25mm ² - L.4m - PLUG 50mm ²
71.05.011	WORK CABLE - 25mm ² - L.4m - PLUG 50mm ²

ACCESSORIES

Power source

55.12.012	TERRA 180 1x230V
	TERRA 180 1x230V (3 pieces)

Torch

81.02.008	SR 26 V TIG WELDING TORCH - 4m - AIR COOLED
81.02.009	SR 26 V TIG WELDING TORCH - 8m - AIR COOLED

Stick electrode holder

71.04.005	STICK ELECTRODE HOLDER 400A - POWER CABLE 25mm ² - L.4m - PLUG 50mm ²
-----------	---

Earth cable

71.05.011	WORK CABLE - 25mm ² - L.4m - PLUG 50mm ²
-----------	--

WELDING PROCESS

- MMA (Electrode)
- TIG DC Lift start

MATERIALS

- Unalloyed steel
- High alloyed steel
- Cast irons

APPLICATIONS

- Light job shop fabrication
- Medium-heavy job shop fabrication
- Building sites
- Shipyards
- Plants machinery construction
- Oil refinery plants construction
- Ordinary maintenance
- Repair and overhaul
- Outdoor working
- Handicraft working
- Chassis
- Building
- Installers
- Blacksmiths
- Workshops



TECHNICAL FEATURES

- New generation advanced inverter technology power source for high speed dynamic arc control and superior welding performance
- Heavy duty and enviromental conditions, high service life
- Reduced dimensions and compact construction
- Software based controls can be upgraded as new features become available
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Excellent performances also with long power supply extension cables
- Full digital and user-friendly control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Reduced electromagnetic interference with lift start TIG welding
- Remote control compatible
- Current socket (panel) 50/70 mm²

Power source

TERRA 220 RC			410x150x330mm		11.3kg		IP23S	
	S	11.0kVA	X%	40°C	30%	220A	P.F.	0.7
				40°C	60%	170A		
				40°C	100%	150A		
				25°C	50%	220A		
				25°C	100%	160A		
P	7.5kW	10A	Uo	70V				

CONFIGURATIONS

TERRA 220 RC - MMA welding configuration

55.12.013	TERRA 220 RC 3x400V
71.04.003	STICK ELECTRODE HOLDER 400A - POWER CABLE 35mm ² - L.4m
71.05.012	WORK CABLE - 35mm ² - L.4m

ACCESSORIES

Power source

55.12.013	TERRA 220 RC 3x400V
-----------	---------------------

ACCESSORIES

Remote control

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m
71.02.209	REMOTE CONTROL UNIT RC 100 MP
71.02.20501	CAN BUS CONNECTION CABLE 6m
71.02.205	CAN BUS CONNECTION CABLE 10m
71.02.20504	CAN BUS CONNECTION CABLE 25m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC 180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC 180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m

Torch

81.02.008	SR 26 V TIG WELDING TORCH - 4m - AIR COOLED
81.02.009	SR 26 V TIG WELDING TORCH - 8m - AIR COOLED

Stick electrode holder

71.04.005	STICK ELECTRODE HOLDER 400A - POWER CABLE 25mm ² - L.4m - PLUG 50mm ²
71.04.003	STICK ELECTRODE HOLDER 400A - POWER CABLE 35mm ² - L.4m

Earth cable

71.05.011	WORK CABLE - 25mm ² - L.4m - PLUG 50mm ²
71.05.012	WORK CABLE - 35mm ² - L.4m

WELDING PROCESS

- MMA (Electrode)
- TIG DC Lift start

MATERIALS

- Unalloyed steel
- High alloyed steel
- Cast irons

APPLICATIONS

- Light job shop fabrication
- Medium-heavy job shop fabrication
- Heavy job shop fabrication
- Building sites
- Shipyards
- Plants machinery construction
- Oil refinery plants construction
- Ordinary maintenance
- Repair and overhaul
- Workshops



TECHNICAL FEATURES

- New generation inverter technology power source (patented 3-level technology)
- High power at 100% of duty cycle
- Heavy duty and environmental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- Extremely rugged, reliable and easy-to-use systems
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Full digital and user-friendly control panel
- Excellent performances also with long power supply extension cables
- Easy and accurate adjustments
- Fully microprocessor controlled welding process
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Reduced electromagnetic interference with lift start TIG welding
- Current socket (panel) 50/70 mm²
- Remote control compatible

Power source

TERRA 270 RC		TERRA 350 RC	
	S 14kVA P 9.72kW		S 19kVA P 13.9kW
X%	40°C 40% 270A 40°C 60% 255A 40°C 100% 240A	X%	40°C 40% 350A 40°C 60% 310A 40°C 100% 290A
P.F.	0.70 16A	P.F.	0.73 25A
I₂ U₀	3-270A 70V	I₂ U₀	3-350A 70V
	500x190x400mm		500x190x400mm
	16.1kg		16.5kg
	IP23S		IP23S

CONFIGURATIONS

TERRA 270 RC - MMA welding configuration

55.12.014	TERRA 270 RC 3X400V
71.05.012	WORK CABLE - 35mm ² - L.4m
71.04.003	STICK ELECTRODE HOLDER 400A - POWER CABLE 35mm ² - L.4m

TERRA 350 RC - MMA welding configuration

55.12.015	TERRA 350 RC 3X400V
71.05.013	WORK CABLE - 50mm ² - L.4m
71.04.004	STICK ELECTRODE HOLDER 400A - POWER CABLE 50mm ² - L.4m

ACCESSORIES

Power source

55.12.014	TERRA 270 RC 3X400V
55.12.015	TERRA 350 RC 3X400V

Remote control

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m
71.02.209	REMOTE CONTROL UNIT RC 100 MP
71.02.20501	CAN BUS CONNECTION CABLE 6m
71.02.205	CAN BUS CONNECTION CABLE 10m
71.02.20504	CAN BUS CONNECTION CABLE 25m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC 180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC 180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m

Torch

81.02.008	SR 26 V TIG WELDING TORCH - 4m - AIR COOLED
81.02.009	SR 26 V TIG WELDING TORCH - 8m - AIR COOLED

Stick electrode holder

71.04.003	STICK ELECTRODE HOLDER 400A - POWER CABLE 35mm ² - L.4m
71.04.004	STICK ELECTRODE HOLDER 400A - POWER CABLE 50mm ² - L.4m

Earth cable

71.05.012	WORK CABLE - 35mm ² - L.4m
71.05.013	WORK CABLE - 50mm ² - L.4m

WELDING PROCESS

- MMA (Electrode)
- Air Carbon Arc gouging

MATERIALS

- Unalloyed steel
- High alloyed steel
- Cast irons

APPLICATIONS

- Light job shop fabrication
- Medium-heavy job shop fabrication
- Heavy job shop fabrication
- Building sites
- Shipyards
- Plants machinery construction
- Oil refinery plants construction
- Ordinary maintenance
- Repair and overhaul
- Workshops



TECHNICAL FEATURES

- New generation inverter technology power source (patented 3-level technology)
- High power at 100% of duty cycle
- Heavy duty and environmental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- Extremely rugged, reliable and easy-to-use systems
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Full digital and user-friendly control panel
- Excellent performances also with long power supply extension cables
- Easy and accurate adjustments
- Fully microprocessor controlled welding process
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Reduced electromagnetic interference with lift start TIG welding
- Current socket (panel) 50/70 mm²
- Remote control compatible

Power source

TERRA 500 RC				620x240x460mm			27.3kg		IP23S
	S	29.7kVA	X%	40°C	50%	500A	P.F.	I₂	3-500A
	P	22.2kW		40°C	60%	470A			
				40°C	100%	420A			
				25°C	80%	500A			
				25°C	100%	470A		U_o	61V

CONFIGURATIONS

TERRA 500 RC - MMA welding configuration

55.12.017	TERRA 500 RC 3X400V
71.05.013	WORK CABLE - 50mm ² - L.4m
71.04.004	STICK ELECTRODE HOLDER 400A - POWER CABLE 50mm ² - L.4m

ACCESSORIES

Power source

55.12.017	TERRA 500 RC 3X400V
-----------	---------------------

Remote control

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m
71.02.209	REMOTE CONTROL UNIT RC 100 MP
71.02.20501	CAN BUS CONNECTION CABLE 6m
71.02.205	CAN BUS CONNECTION CABLE 10m
71.02.20504	CAN BUS CONNECTION CABLE 25m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC 180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC 180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m

Torch

81.02.008	SR 26 V TIG WELDING TORCH - 4m - AIR COOLED
81.02.009	SR 26 V TIG WELDING TORCH - 8m - AIR COOLED

Stick electrode holder

71.04.004	STICK ELECTRODE HOLDER 400A - POWER CABLE 50mm ² - L.4m
71.04.006	STICK ELECTRODE HOLDER 400A - POWER CABLE 70mm ² - L.4m

Earth cable

71.05.013	WORK CABLE - 50mm ² - L.4m
71.05.014	WORK CABLE - 70mm ² - L.4m
71.05.008	WORK CABLE - 95mm ² - L.4m

Power source trolley

71.03.085	POWER SOURCE TROLLEY GT 150
71.03.086	POWER SOURCE TROLLEY GT 350 (only for air cooled units)
71.03.054	TIG RODS HOLDER KIT

SR17V

 Gas	 0.5-2.4mm	 4/8m	X% DC 35% 140A	X% AC 35% 125A
--	--	---	--------------------------	--------------------------



SR 17V

81.02.005	SR 17 VTIG WELDING TORCH - 4m - AIR COOLED
81.02.004	SR 17 VTIG WELDING TORCH - 8m - AIR COOLED

SR26V

 Gas	 0.5-4.0mm	 4/8m	X% DC 35% 180A	X% AC 35% 130A
--	--	---	--------------------------	--------------------------



SR 26V

81.02.008	SR 26 VTIG WELDING TORCH - 4m - AIR COOLED
81.02.009	SR 26 VTIG WELDING TORCH - 8m - AIR COOLED

Spare parts for TIG Torches

COMPATIBLE WITH

- ST1700	- ST1700U/D	- ST1700DigiTig	- ST2200	- ST2200U/D	- ST2200DigiTig	- ST3000
- ST3000U/D	- ST3000DigiTig	- ST4000	- ST4000U/D	- ST4000DigiTig	- SR17V	- SR26V



1	Back cap (long)
82.10.018	BACK CAP (LONG) (3 pieces)
2	Back cap (short)
82.10.019	BACK CAP (SHORT) (3 pieces)
3	Gasket
82.10.020	O-RING (10 pieces)
4	Gas nozzle body insulator
82.10.002	GAS NOZZLE BODY INSULATOR (3 pieces)
5	Insulating ring
82.10.350	GAS NOZZLE BODY INSULATOR GAS LENS (3 pieces)

6	Collet
82.10.313	COLLET D.1,0mm (3 pieces)
82.10.314	COLLET D.1,6mm (3 pieces)
82.10.315	COLLET D.2,4mm (3 pieces)
82.10.316	COLLET D.3,2mm (3 pieces)
82.10.317	COLLET D.4,0mm (3 pieces)
7	Collet body
82.10.156	COLLET BODY D.0,5-1,2mm (3 pieces)
82.10.157	COLLET BODY D.1,6mm (3 pieces)
82.10.158	COLLET BODY D.2,4mm (3 pieces)
82.10.159	COLLET BODY D.3,2mm (3 pieces)
82.10.160	COLLET BODY D.4,0mm (3 pieces)
8	Collet body gas lens
82.10.352	COLLET BODY D.1,0mm GAS LENS (3 pieces)
82.10.353	COLLET BODY D.1,6mm GAS LENS (3 pieces)
82.10.354	COLLET BODY D.2,4mm GAS LENS (3 pieces)
82.10.355	COLLET BODY D.3,2mm GAS LENS (3 pieces)
82.10.356	COLLET BODY D.4,0mm GAS LENS (3 pieces)
9	Ceramic gas nozzle
82.10.162	CERAMIC GAS NOZZLE - NO.12 - D.19mm (10 pieces)
82.10.163	CERAMIC GAS NOZZLE - NO.4 - D.6,4mm (10 pieces)
82.10.164	CERAMIC GAS NOZZLE - NO.5 - D.8,0mm (10 pieces)
82.10.166	CERAMIC GAS NOZZLE - NO.6 - D.9,8mm (10 pieces)
82.10.168	CERAMIC GAS NOZZLE - NO.7 - D.11,2mm (10 pieces)
82.10.170	CERAMIC GAS NOZZLE - NO.8 - D.12,7mm (10 pieces)
82.10.161	CERAMIC GAS NOZZLE - NO.10 - D.15,7mm (10 pieces)
10	Ceramic gas nozzle gas lens
82.10.357	CERAMIC GAS NOZZLE - GR.4 - D.6,4mm GAS LENS (10 pieces)
82.10.358	CERAMIC GAS NOZZLE - GR.5 - D.8,0mm GAS LENS (10 pieces)
82.10.359	CERAMIC GAS NOZZLE - GR.6 - D.9,8mm GAS LENS (10 pieces)
82.10.360	CERAMIC GAS NOZZLE - GR.7 - D.11,2mm GAS LENS (10 pieces)
82.10.361	CERAMIC GAS NOZZLE - GR.8 - D.12,7mm GAS LENS (10 pieces)
82.10.362	CERAMIC GAS NOZZLE GR.12 D.17,2mm GAS LENS (10 pieces)
11	Electrode
82.11.065	TIG ROD WS2 D.1,0mm [TURQUOISE] (10 pieces)
82.11.066	TIG ROD WS2 D.1,6mm [TURQUOISE] (10 pieces)
82.11.068	TIG ROD WS2 D.2,4mm [TURQUOISE] (10 pieces)
82.11.070	TIG ROD WS2 D.3,2mm [TURQUOISE] (10 pieces)
82.11.071	TIG ROD WS2 D.4,0mm [TURQUOISE] (10 pieces)
82.11.053	TIG ROD PURE D.1,6mm [GREEN] (10 pieces)
82.11.055	TIG ROD PURE D.2,4mm [GREEN] (10 pieces)
82.11.057	TIG ROD PURE D.3,2mm [GREEN] (10 pieces)
82.11.058	TIG ROD PURE D.4,0mm [GREEN] (10 pieces)

SELECTION GUIDE
MMA Systems

	URANOS 1500	URANOS 1500 RC	URANOS 1500 DP	URANOS 1800 RC	TERRA 150	TERRA 180	TERRA 220 RC	TERRA 270 RC	TERRA 350 RC	TERRA 500 RC
Inverter										
Inverter technology	●	●	●	●	●	●	●	●	●	●
"greenWave" inverter technology				●						
Power supply										
Single phase (1x115V)				●						
Single phase (1x230V)	●	●	●	●	●	●				
Single phase (1x400V)										
Three-phase mains supply (3x230V)										
Three-phase mains supply (3x400V)							●	●	●	●
Compatible with motogenerator	●	●	●	●	●	●	●	●	●	●
Main functions										
Welding parameters digital display			●	●						●
Current reading			●	●			●	●	●	●
Voltage reading			●	●			●	●	●	●
Analog adjustment of parameters	●	●	●	●	●	●				
Digital adjustment of parameters			●	●			●	●	●	●
Set up			●	●			●	●	●	●
MMA welding process	●	●	●	●	●	●	●	●	●	●
VRD				●				●	●	●
Synergy			●	●			●	●	●	●
Hot start	●	●	●	●	●	●	●	●	●	●
Arc force	●	●	●	●	●	●	●	●	●	●
Antisticking	●	●	●	●	●	●	●	●	●	●
TIG DcDrive welding process	●	●	●	●	●	●	●	●	●	●
Trigger of the arc in Lift mode	●	●	●	●	●	●	●	●	●	●
Air Carbon Arc gouging process										●
Remote control units										
RC 18		○					○	○	○	
RC 100				○			○	○	○	○
RC 100 MP				○			○	○	○	○
RC 120										
RC 180				○			○	○	○	○
RC 200				○			○	○	○	○
TIG torches										
SR 17V	○	○	○	○	○	○	○	○	○	○
SR 26V	○	○	○	○	○	○	○	○	○	○
Suitcase kit										
Kit version available	●	●	○							

● = Included

○ = Optional

SELECTION GUIDE
MMA Systems

	URANOS 1500	URANOS 1500 RC	URANOS 1500 DP	URANOS 1800 RC	TERRA 150	TERRA 180	TERRA 220 RC	TERRA 270 RC	TERRA 350 RC	TERRA 500 RC
Applications										
Light job shop fabrication	●	●	●	●	●	●	●	●	●	●
Medium-heavy job shop fabrication				●		●	●	●	●	●
Heavy job shop fabrication								●	●	●
Building sites	●	●	●	●	●	●	●	●	●	●
Shipyards				●		●	●	●	●	●
Plants machinery construction				●		●	●	●	●	●
Oil refinery plants construction				●		●	●	●	●	●
Railway industry									●	●
Machine and apparatus construction									●	●
Ordinary maintenance	●	●	●	●	●	●	●	●	●	●
Repair and overhaul		●		●			●	●	●	●
Pipeline construction							●	●		
Handicraft working	●	●	●	●	●	●	●			
Chassis	●	●	●	●	●	●	●			
Building	●	●	●	●	●	●	●			
Plumbing	●	●	●	●	●	●				
Installers	●	●	●	●	●	●	●			
Blacksmiths	●	●	●	●	●	●	●			
Electricians	●	●	●	●	●	●				
Tinsmiths	●	●	●	●	●	●				
Outdoor working	●	●	●	●	●	●				
Workshops							●	●	●	●

● = Suitable

CUTTING PROCESS

- Plasma cutting

APPLICATIONS

- Light job shop fabrication
- Building sites
- Automobile industry
- Food industry
- Chemical industry
- Ordinary maintenance
- Handicraft working
- Chassis
- Building
- Plumbing
- Installers
- Electricians
- Sheet metal working

MATERIALS

- Carbon steels
- Aluminized and galvanized steels
- Stainless steels
- Cast irons
- Aluminum and aluminum alloys
- Copper and copper alloys



TECHNICAL FEATURES

- "greenWave" inverter technology for high energy efficiency and perfect control over all welding phases
- Heavy duty and environmental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Reduced dimensions and compact construction
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Excellent performances also with long power supply extension cables
- Air pressure gauge
- No-gas alarm and cap safety protection
- Trigger of the arc in Lift mode
- Pilot and cutting arc automatic switch for operations over discontinuous material, grilles and perforated sheet metal
- Reduced spare parts consumption
- SP40 torch compatible

Power source

SABER 40 CHP				410x150x330mm		11.0kg		IP23S	
 1x230V	Separation: 20mm	S 4.9kVA P 4.9kW	X%	40°C 40%	P.F. 0.99 16A	I₂ 20-40A U_o 250V			
	Maximum cut: 16mm			40°C 60%					35A
	Recommended Cut: 12mm			40°C 100%					30A
	Perforation: 10mm			25°C 100%					40A
 1x115V	Separation: 14mm	S 3.0kVA P 3.0kW	X%	40°C 45%	P.F. 0.99 20A	I₂ 20-25A U_o 250V			
	Maximum cut: 9mm			40°C 60%					23A
	Recommended Cut: 6mm			40°C 100%					20A
	Perforation: 4mm			25°C 100%					25A

CONFIGURATIONS

SABER 40 CHP

56.01.009	SABER 40 CHP 1X115V-1x230V + SP40
71.05.009	WORKCABLE - 25mm ² - L.4m - PLUG 25mm ²

ACCESSORIES

Other

71.05.009	WORKCABLE - 25mm ² - L.4m - PLUG 25mm ²
-----------	---

CUTTING PROCESS

- Plasma cutting
- Plasma gouging

MATERIALS

- Carbon steels
- Aluminized and galvanized steels
- Stainless steels
- Cast irons
- Aluminum and aluminum alloys
- Copper and copper alloys

APPLICATIONS

- Light job shop fabrication
- Building sites
- Automobile industry
- Food industry
- Chemical industry
- Ordinary maintenance
- Handicraft working
- Building
- Installers
- Workshops
- Sheet metal working



TECHNICAL FEATURES

- "greenWave" inverter technology for high energy efficiency and perfect control over all welding phases
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- Heavy duty and enviromental conditions, high service life
- Reduced dimensions and compact construction
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Energy-saving inverter technology (built-in P.F.C. - power factor controller)
- Excellent performances also with long power supply extension cables
- Full digital and user-friendly LCD graphic display control panel
- Cutting parameters digital display
- Air pressure digital display
- Last job settings auto-storage at switch-off
- No-gas alarm and cap safety protection
- Trigger of the arc in Lift mode
- Pilot and cutting arc automatic switch for operations over discontinuous material, grilles and perforated sheet metal
- Reduced spare parts consumption
- 2/4 step operating mode
- Control of several welding units over Ethernet
- SP 70 torch compatible
- Central connector with safety retaining system

Power source

SABER 70CHP					570x190x400mm		18.6kg		IP23S		
	CUTTING	S	9.0kVA	X%	40°C	50%	70A	P.F.	0.95	I₂	20-70A
	Separation: 35mm		40°C		60%	65A					
	Maximum cut: 28mm	P	8.6kW		40°C	100%	55A		16A	U_o	252V
	Recommended Cut: 20mm		25°C		100%	60A					
	GOUGING	S	10.4kVA	X%	40°C	50%	70A	P.F.	0.95	I₂	20-70A
	Maximum cut: 28mm		40°C		60%	65A					
	Recommended Cut: 20mm	P	9.9kW		40°C	100%	55A		16A	U_o	252V
	Perforation: 15mm		25°C		100%	60A					
	CUTTING	S	6.8kVA	X%	40°C	60%	55A	P.F.	0.96	I₂	20-55A
	Separation: 26mm		40°C		100%	45A					
	Maximum cut: 22mm	P	6.6kW		40°C	100%	55A		20A	U_o	252V
	Recommended Cut: 15mm		25°C		100%	55A					
	GOUGING	S	8.0kVA	X%	40°C	60%	55A	P.F.	0.96	I₂	20-55A
	Maximum cut: 22mm		40°C		100%	45A					
	Recommended Cut: 15mm	P	7.7kW		40°C	100%	55A		20A	U_o	252V
	Perforation: 12mm		25°C		100%	55A					

CONFIGURATIONS**SABER 70 CHP - 3x400/230V**

56.01.010	SABER 70 CHP 3x230V-3x400V + TORCH SP 70 + WORK CABLE
-----------	---

ACCESSORIES**Torch**

81.20.057	SP 70 PLASMA CUTTING TORCH - 6m
-----------	---------------------------------

81.20.062	SP 70 PLASMA CUTTING TORCH - 12m
-----------	----------------------------------

Other

73.04.010	PLASMA CUTTING - COMPASS KIT
-----------	------------------------------

73.04.011	bevel tool
-----------	------------

SP40

 6m	X% 60% 40A	 5.0bar	 150l/min	 0.9mm
--	----------------------	--	--	---

SP40	
81.20.055	SP 40 PLASMA CUTTING TORCH - 6m



SP70

 6/12m	X% 50% 70A	 5.0bar	 185l/min	 1.1mm
---	----------------------	--	--	---

SP70	
81.20.057	SP 70 PLASMA CUTTING TORCH - 6m
81.20.062	SP 70 PLASMA CUTTING TORCH - 12m



Compass kit

Compass kit	
73.04.010	PLASMA CUTTING - COMPASS KIT

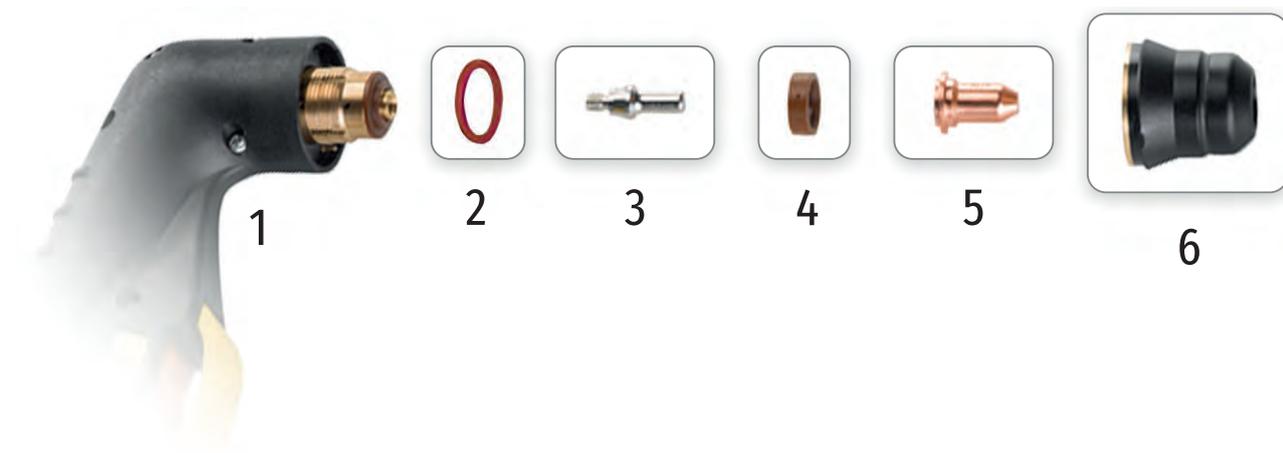


Bevel tool

Bevel tool	
73.04.011	bevel tool

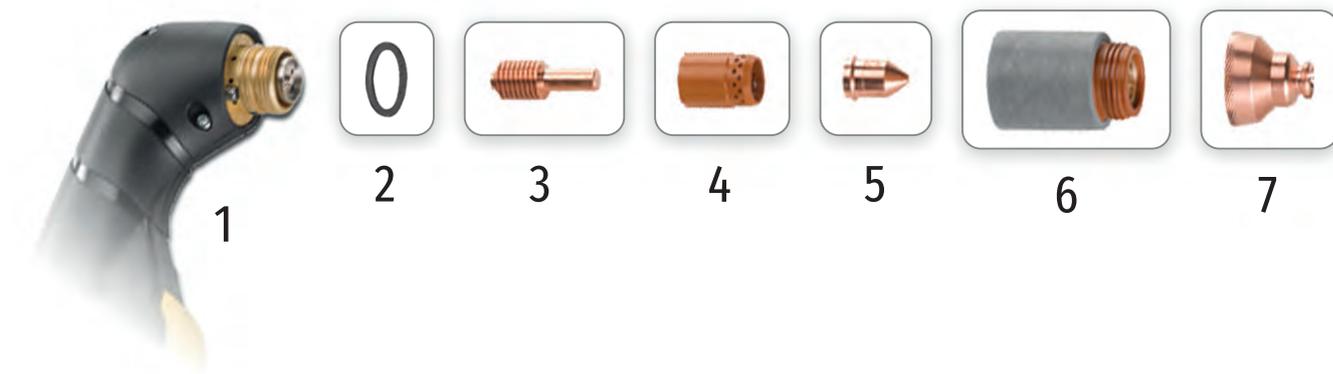


Spares SP40



1	Torch main body
82.25.001	PLASMA TORCH MAIN BODY
2	Gasket
82.25.090	O-RING (20 pieces)
3	Electrode
82.25.030	ELECTRODE (10 pieces)
4	Air diffuser
82.25.020	AIR DIFFUSER (5 pieces)
5	Cover
82.25.040	NOZZLE Ø0,9mm 30-40A (10 pieces)
82.25.041	NOZZLE Ø0,8mm 20-30A (10 pieces)
6	Protection cap
82.25.060	NOZZLE HOLDER
	Compass kit
73.04.009	PLASMA CUTTING - COMPASS KIT

Spares SP70



1	Torch main body
82.25.008	PLASMA TORCH MAIN BODY
2	Gasket
82.25.016	O-RING (20 pieces)
3	Electrode
82.25.009	ELECTRODE (5 pieces)
82.25.025	ELECTRODE-LONG LENGHT (5 pieces)
4	Air diffuser
82.25.012	AIR DIFFUSER (2 pieces)
5	Cover
82.25.028	NOZZLE D.0,95mm 20-50A (10 pieces)
82.25.013	NOZZLE D.1,10mm 50-70A (10 pieces)
82.25.026	EXTENDED NOZZLE D.0,95mm 20-50A (5 pieces)
82.25.027	EXTENDED NOZZLE D.1,10mm 50-70A (5 pieces)
82.25.023	GOUGING NOZZLE D.0,80mm 20-45A (5 pieces)
82.25.024	GOUGING NOZZLE D.0,95mm 45-70A (5 pieces)
6	Gas nozzle
82.25.014	NOZZLE HOLDER
7	Protection cap
82.25.015	CONTACT CUTTING SHIELD CUP (3 pieces)
82.25.022	CONTACT SHIELD CUP FOR EXTENDED NOZZLE (2 pieces)
82.25.019	GOUNGING CUTTING SHIELD CUP (2 pieces)
	Compass kit
73.04.010	PLASMA CUTTING - COMPASS KIT
73.04.011	bevel tool

SELECTION GUIDE

PLASMA CUTTING Systems

Saber 40 CHP
Saber 70 CHP

	Saber 40 CHP	Saber 70 CHP
Inverter		
"greenWave" inverter technology	●	●
Power supply		
Single phase (1x115V)	●	
Single phase (1x230V)	●	
Three-phase mains supply (3x230V)		●
Three-phase mains supply (3x400V)		●
Compatible with motogenerator	●	●
Main functions		
LCD display		●
Current reading	●	●
Voltage reading	●	●
Digital adjustment of parameters	●	●
Set up	●	●
Plasma torches		
SP 40	●	
SP 70		●
Robot and Weld@Net interfaces		
RI 1000/2000/3000		○
RI XP/WA		○
Weld@Net Service Loader/Manager NX		○
Weld@Net Production Monitor/Control Monitor NX		○

● = Included

○ = Optional

SELECTION GUIDE

PLASMA CUTTING Systems

Saber 40 CHP
Saber 70 CHP

	Saber 40 CHP	Saber 70 CHP
Applications		
Light job shop fabrication	●	●
Medium-heavy job shop fabrication		●
Building sites	●	●
Railway industry		●
Automobile industry	●	●
Food industry	●	●
Chemical industry	●	●
Ordinary maintenance	●	●
Handicraft working	●	●
Chassis	●	●
Building	●	●
Plumbing	●	
Installers	●	●
Electricians	●	
Sheet metal working	●	●

● = Suitable

Weld@Net Production Control Monitor NX



- Control of several welding units over Ethernet
- Welding process programming and controlling
- Manufacturing process monitoring
- Data logging
- Welding reports and WPS management
- Demo version available on request



Automation and robotics

74.04.06601	KIT SW WELD@NET PRODUCTION CONTROL MONITOR NX
71.02.204	RI XP INTERFACE

Fixed location

74.04.06601	KIT SW WELD@NET PRODUCTION CONTROL MONITOR NX
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE 10m

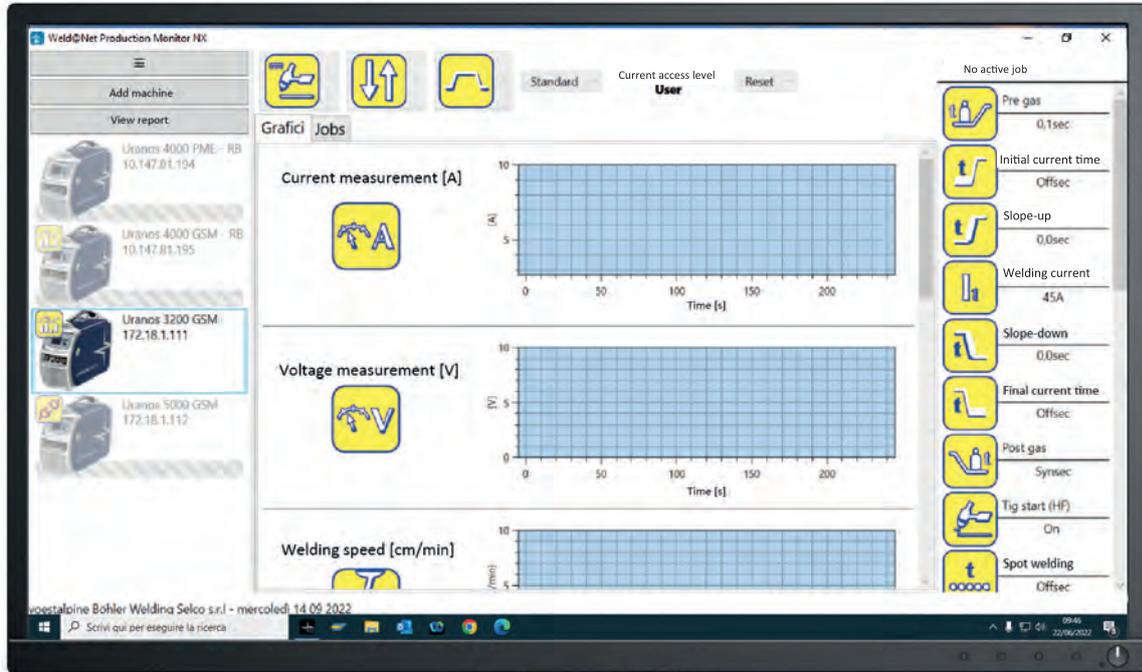
Accessories

74.04.06601	KIT SW WELD@NET PRODUCTION CONTROL MONITOR NX
74.04.071	WELD@NET CONTROL MONITOR - ADD-ON LICENSE
71.02.204	RI XP INTERFACE
71.02.203	RI XP CONNECTION CABLE
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE 10m

Weld@Net Production Monitor NX



- Manufacturing process monitoring
- Data logging
- Welding reports and WPS management
- Demo version available on request



Automation and robotics

74.04.06701	KIT SW WELD@NET PRODUCTION MONITOR NX
71.02.204	RI XP INTERFACE

Fixed location

74.04.06701	KIT SW WELD@NET PRODUCTION MONITOR NX
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE 10m

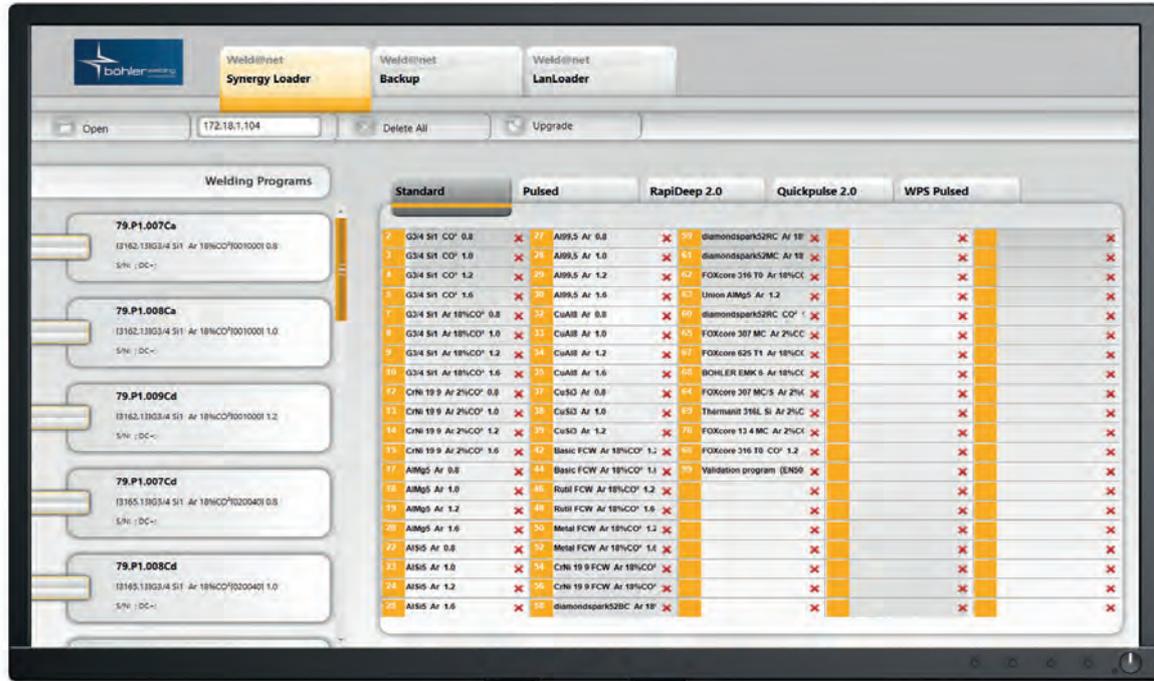
Accessories

74.04.06701	KIT SW WELD@NET PRODUCTION MONITOR NX
74.04.070	WELD@NET MONITOR - ADD-ON LICENSE
71.02.204	RI XP INTERFACE
71.02.203	RI XP CONNECTION CABLE
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE 10m

Weld@Net Service Manager NX



- Welding system firmware/software updating
- Welding programs management
- Back-up/Restore data (set-up, sinergic programs, programs)



SUITCASE KIT

- Including:
- 1x Interface unit: RI OFFICE
 - 1x Input line cord: 6m
 - 1x Ethernet cable: 2m
 - 1x Ethernet cross cable: 2m
 - 1x Ethernet: TCP-IP
 - 1x USB: LAN LOADER
 - 1x Socket: CAN Bus
 - 1x Adapter: F/F



Weld@Net Service Manager NX

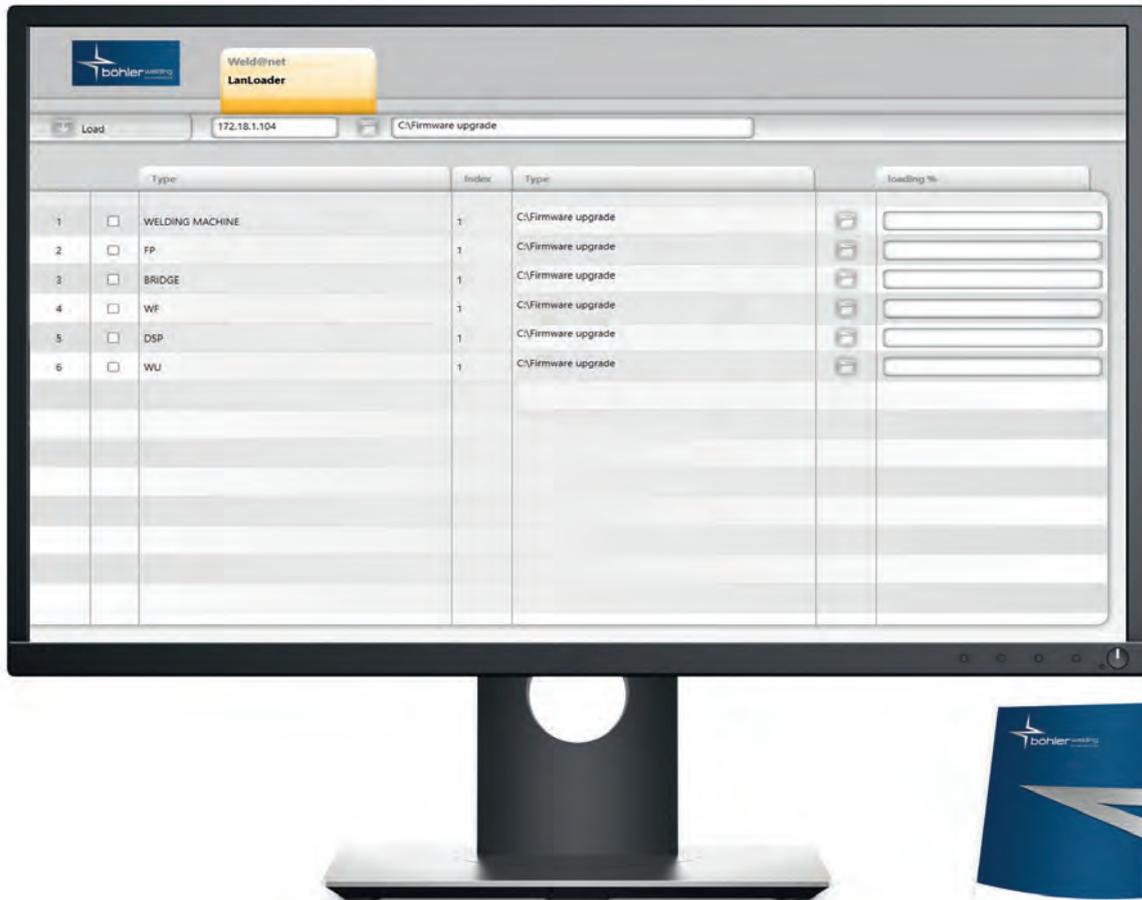
74.04.06802 KIT WELD@NET SERVICE MANAGER NX

74.04.06803 KIT WELD@NET SERVICE MANAGER NX WI-FI

Weld@Net Service Loader NX



- Welding system firmware/software updating



SUITCASE KIT

- Including:
- 1x Interface unit: RI OFFICE
 - 1x Input line cord: 6m
 - 1x Ethernet cable: 2m
 - 1x Ethernet cross cable: 2m



Weld@Net Service Loader NX

74.04.06901 KIT WELD@NET SERVICE LOADER NX

RI XP



24Vdc



120x100x20mm



0.11kg

- Field Bus: CAN Bus
- Ethernet: TCP-IP



RI XP

71.02.204	RI XP INTERFACE
-----------	-----------------

Power source / RI connection cable on external cabinet

71.02.054	POWER SOURCE-RI CONNECTION CABLE - L.5m
71.02.036	POWER SOURCE-RI CONNECTION CABLE - L.10m
71.02.055	POWER SOURCE-RI CONNECTION CABLE - L.15m
71.02.056	POWER SOURCE-RI CONNECTION CABLE - L.20m
71.02.157	POWER SOURCE-RI CONNECTION CABLE - L.25m

LAN-RI XP connection cable

71.02.161	LAN-RI XP CONNECTION CABLE - L.5m
71.02.162	LAN-RI XP CONNECTION CABLE - L.10m
71.02.163	LAN-RI XP CONNECTION CABLE - L.15m

RI WA



24Vdc



150x90x20mm



0.26kg

- Field Bus: CAN Bus
- Ethernet: TCP-IP



RI WA

71.02.202	RI WA STANDARD I/O INTERFACE
-----------	------------------------------

Power source connection cable

71.02.205	CAN BUS CONNECTION CABLE 10m
-----------	------------------------------

LAN-RI XP connection cable

71.02.161	LAN-RI XP CONNECTION CABLE - L.5m
71.02.162	LAN-RI XP CONNECTION CABLE - L.10m
71.02.163	LAN-RI XP CONNECTION CABLE - L.15m

SELECTION GUIDE
Weld@Net System

	Production Monitor NX	Production Control Monitor NX	Service Loader NX	Service Manager NX	RI XP	RI WA
Main functions						
Control of several welding units over Ethernet		●				
Welding process programming and controlling		●				
Manufacturing process monitoring	●	●				
Data logging	●	●				
Welding reports management	●	●				
Welding system firmware/software updating			●	●		
Back-up/Restore data (set-up, sinergic programs, programs)				●		
Welding programs management				●		
T.MAP welding process management				●		
Certified welding programs management (EN1090)				●		
CAN Bus	●	●	●	●	●	●
Ethernet	●	●	●	●	●	●

● = Included

RC 18

 160x160x50mm	 0.7kg	 6m
--	---	--

- Analog communication



RC 18

71.02.195	REMOTE CONTROL UNIT RC 18 - L.6m
-----------	----------------------------------

RC 100

 130x85x60mm	 0.7kg	 6/10/25/40m
---	---	---

- CANBUS Digital communication



RC 100

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.19601	REMOTE CONTROL UNIT RC 100 - L.10m
71.02.19604	REMOTE CONTROL UNIT RC 100 - L.25m
71.02.19607	REMOTE CONTROL UNIT RC 100 - L.40m

RC 100 MP

 130x85x60mm	 0.7kg	 6/10/25m
---	---	--

- CANBUS Digital communication



RC 100 MP

71.02.209	REMOTE CONTROL UNIT RC 100 MP
71.02.20501	CAN BUS CONNECTION CABLE 6m
71.02.205	CAN BUS CONNECTION CABLE 10m
71.02.20504	CAN BUS CONNECTION CABLE 25m

RC 120

 260x125x160mm	 2.2kg	 6m
---	---	--

- CANBUS Digital communication



RC 120

71.02.197	REMOTE CONTROL UNIT RC 120 - L.6m
-----------	-----------------------------------

RC 180

160x40x50mm



0.7kg



6/10/25m

- CANBUS Digital communication

**RC 180**

71.02.198 REMOTE CONTROL UNIT RC 180 - L.6m

71.02.19801 REMOTE CONTROL UNIT RC 180 - L.10m

71.02.19804 REMOTE CONTROL UNIT RC 180 - L.25m

RC 190

160x40x70mm



0.7kg



6m

- CANBUS Digital communication

**RC 190**

71.02.211 REMOTE CONTROL UNIT RC 190 - L.6m

RC 200

170x70x35mm



0.7kg



6/15m

- CANBUS Digital communication

**RC 200**

71.02.199 REMOTE CONTROL UNIT RC 200 - L.6m

71.02.19902 REMOTE CONTROL UNIT RC 200 - L.15m

RC 350 MP

225x200x70mm



1.2kg



6/20m

- CANBUS Digital communication

**RC 350 MP**

71.02.215 REMOTE CONTROL UNIT RC 350 MP - L.6m

71.02.21503 REMOTE CONTROL UNIT RC 350 MP - L.20m

Bracket KIT RC 350 MP



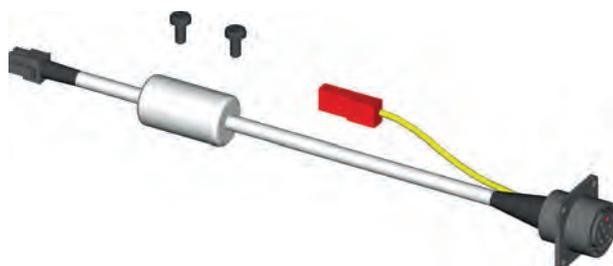
Bracket KIT RC 350 MP

74.04.076 RC BRACKET KIT

Remote control kit

COMPATIBLE WITH

- *WFNX 230/330 Classic*
- *WFNX 230/330 SteelDrive*
- *WFNX 230/330 Smart*
- *WFNX 430 SteelDrive*



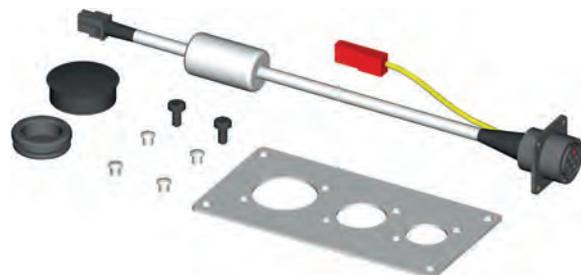
Remote control kit

73.11.015 REMOTE CONTROL WIRING KIT

Remote control kit

COMPATIBLE WITH

- *WFNX 430 Classic*
- *WFNX 430 Smart*



Remote control kit

73.11.028 REMOTE CONTROL - UPGRADE KIT

SELECTION GUIDE

Remote control units

	RC 18	RC 100	RC 100 MP	RC 120	RC 190	RC 200	RC 350 MP
Models							
Start push-button				●			
Welding current adjustment	●	●	●	●	●	●	●
Welding voltage adjustment					●	●	●
Analog adjustment of parameters	●						
Digital adjustment of parameters		●	●	●	●	●	●
Welding parameters digital display		●	●			●	●
Current reading		●	●			●	●
Voltage reading		●	●			●	●
7 segments LED display		●	●				●
LCD display						●	●
Set up						●	●
Hanging device	●				●		●
Magnetic hanging device		●	●			●	

● = Suitable

WU 1000

 48Vdc	P 0.6kW	 2.0l	 8.8kg	 480x190x180mm
---	-------------------	--	---	---



WU 1000

71.03.075	COOLING UNIT WU1000
18.91.008	COOLANT CL10 (10kg)

WU 2000

 360Vdc	P 1.0kW	 3.0l	 12.0kg	 660x240x220mm
--	-------------------	--	--	---



WU 2000

71.03.076	COOLING UNIT WU 2000
74.90.066	WU FILTER KIT
24.02.007	WATER FILTER - SPARE
18.91.008	COOLANT CL10 (10kg)

WU 3000

 360Vdc	P 1.4kW	 5.5l	 13.0kg	 705x305x250mm
--	-------------------	--	--	---



WU 3000

71.03.077	COOLING UNIT WU 3000
74.90.066	WU FILTER KIT
24.02.007	WATER FILTER - SPARE
18.91.008	COOLANT CL10 (10kg)

WU 130

 48Vdc	P 0.7kW	 2.0l	 8.8kg	 480x190x180mm
---	-------------------	--	---	---



WU 130

71.03.07001	COOLING UNIT WU130 WITH PRESSURE SWITCH
71.03.070	COOLING UNIT WU130 WITHOUT PRESSURE SWITCH
73.12.033	PRESSURE SWITCH KIT
18.91.008	COOLANT CL10 (10kg)

WU 230

	P			
1x400Vac	1.0kW	3.0l	12.0kg	660x240x220mm

**WU 230**

71.03.071	COOLING UNIT WU 230 - TERRA
71.03.073	COOLING UNIT WU 230 - URANOS
74.90.066	WU FILTER KIT
24.02.007	WATER FILTER - SPARE
18.91.008	COOLANT CL10 (10kg)

WU 232

	P			
1x230Vac 1x400Vac	1.0kW 1.0kW	3.0l	13.4kg	660x240x220mm

**WU 232**

71.03.074	COOLING UNIT WU 232
74.90.066	WU FILTER KIT
24.02.007	WATER FILTER - SPARE
18.91.008	COOLANT CL10 (10kg)

WU 330

	P			
1x400Vac	1.0kW	5.5l	15.0kg	705x305x250mm

**WU 330**

71.03.072	COOLING UNIT WU330
74.90.066	WU FILTER KIT
24.02.007	WATER FILTER - SPARE
18.91.008	COOLANT CL10 (10kg)

WU 430

	P			
1x400Vac	1.25kW	5.5l	16.0kg	705x305x250mm

**WU 430**

71.03.107	COOLING UNIT WU 430
74.90.066	WU FILTER KIT
24.02.007	WATER FILTER - SPARE
18.91.008	COOLANT CL10 (10kg)

Tool holder kit

COMPATIBLE WITH

- *GT 400* - *GT 600*
- *GT 400 WF* - *GT 600 WF*



Tool holder kit

- | | |
|-----------|-------------------|
| 71.03.099 | TOOL KIT - URANOS |
| 71.03.100 | TOOL KIT - TERRA |

Tool holder kit

COMPATIBLE WITH

- *GT 500* - *GT 700*
- *GT 500 WF* - *GT 700 WF*



Tool holder kit

- | | |
|-----------|-------------------|
| 71.03.097 | TOOL KIT - URANOS |
| 71.03.098 | TOOL KIT - TERRA |

Water filter kit

COMPATIBLE WITH

- WU 2000	- WU 230	- WU 330
- WU 3000	- WU 232	



Water filter kit

74.90.066 WU FILTER KIT

Spare parts - water filter



Spare parts - water filter

24.02.007 WATER FILTER - SPARE

Connections kit



Connections kit

74.90.027 CONNECTIONS KIT

Coolant



Coolant

18.91.008 COOLANT CL10 (10kg)

GT 150


665x430x198mm


10.5kg



GT 150

71.03.085 POWER SOURCE TROLLEY GT 150

GT 200


525x545x1010mm


14.5kg



GT 200

71.03.082 POWER SOURCE TROLLEY GT 200

71.03.051 BRACKET KIT GT 200 (1800 TLH - 180 TLH)

71.03.054 TIG RODS HOLDER KIT

GT 250


800x400x120mm


18.0kg



GT 250

71.03.084 POWER SOURCE TROLLEY GT 250

Accessories

73.10.072 GT 25/250 WHEELS - UPGRADE KIT

GT 300


620x650x1050mm


27.5kg



GT 300

71.03.083 POWER SOURCE TROLLEY GT 300

GT 350



593x640x108mm



18.5kg



GT 350

71.03.086	POWER SOURCE TROLLEY GT 350 (only for air cooled units)
71.03.054	TIG RODS HOLDER KIT

GT 400



580x1000x880mm



25.0kg



GT 400

71.03.079	POWER SOURCE TROLLEY GT 400
-----------	-----------------------------

Accessories

71.03.091	LIFTING KIT
71.03.093	CABLE SUPPORT KIT
71.03.094	TORCHE/CABLE SUPPORT KIT
71.03.043	TIG RODS HOLDER KIT
71.03.092	TRAY KIT - TORCH HOLDERS

GT 400 WF



580x1000x960mm



26.0kg



GT 400 WF

71.03.078	POWER SOURCE TROLLEY GT 400 WF
71.03.091	LIFTING KIT
71.03.093	CABLE SUPPORT KIT
71.03.094	TORCHE/CABLE SUPPORT KIT
71.03.043	TIG RODS HOLDER KIT

GT 500

 620x1050x1000mm

 29.0kg



GT 500

71.03.081 POWER SOURCE TROLLEY GT 500

Accessories

- 71.03.091 LIFTING KIT
- 71.03.093 CABLE SUPPORT KIT
- 71.03.094 TORCHE/CABLE SUPPORT KIT
- 71.03.043 TIG RODS HOLDER KIT
- 71.03.092 TRAY KIT - TORCH HOLDERS

GT 500 WF

 620x1050x1080mm

 30.0kg



GT 500 WF

- 71.03.080 POWER SOURCE TROLLEY GT 500 WF
- 71.03.091 LIFTING KIT
- 71.03.093 CABLE SUPPORT KIT
- 71.03.094 TORCHE/CABLE SUPPORT KIT
- 71.03.043 TIG RODS HOLDER KIT

GT 600

 770x1120x980mm

 57.0kg



GT 600

- 71.03.087 POWER SOURCE TROLLEY GT 600
- 71.03.091 LIFTING KIT
- 71.03.093 CABLE SUPPORT KIT
- 71.03.094 TORCHE/CABLE SUPPORT KIT
- 71.03.043 TIG RODS HOLDER KIT
- 71.03.092 TRAY KIT - TORCH HOLDERS

GT 600 WF



770x1120x1080mm



57.0kg



GT 600 WF

71.03.088	POWER SOURCE TROLLEY GT 600 WF
71.03.091	LIFTING KIT
71.03.093	CABLE SUPPORT KIT
71.03.094	TORCHE/CABLE SUPPORT KIT
71.03.043	TIG RODS HOLDER KIT

GT 700



770x1120x980mm



58.0kg



GT 700

71.03.089	POWER SOURCE TROLLEY GT 700
71.03.091	LIFTING KIT
71.03.093	CABLE SUPPORT KIT
71.03.094	TORCHE/CABLE SUPPORT KIT
71.03.043	TIG RODS HOLDER KIT
71.03.092	TRAY KIT - TORCH HOLDERS

GT 700 WF



770x1120x1080mm



58.0kg



GT 700 WF

71.03.090	POWER SOURCE TROLLEY GT 700 WF
71.03.091	LIFTING KIT
71.03.093	CABLE SUPPORT KIT
71.03.094	TORCHE/CABLE SUPPORT KIT
71.03.043	TIG RODS HOLDER KIT

Lifting kit

COMPATIBLE WITH

- GT 400 - GT 500 - GT 600 - GT 700
- GT 400 WF - GT 500 WF - GT 600 WF - GT 700 WF



Lifting kit

71.03.091 LIFTING KIT

Tig rods holder kit

COMPATIBLE WITH

- GT 400 - GT 500 - GT 600 - GT 700
- GT 400 WF - GT 500 WF - GT 600 WF - GT 700 WF



Tig rods holder kit

71.03.043 TIG RODS HOLDER KIT

Tig rods holder kit

COMPATIBLE WITH

- GT 200
- GT 350



Tig rods holder kit

71.03.054 TIG RODS HOLDER KIT

Utility tray and torch support kit

COMPATIBLE WITH

- GT 400 - GT 600
- GT 500 - GT 700



Utility tray and torch support kit

71.03.092 TRAY KIT - TORCH HOLDERS

Torch/cable support kit

COMPATIBLE WITH

- GT 400 - GT 500 - GT 600 - GT 700
- GT 400 WF - GT 500 WF - GT 600 WF - GT 700 WF



Torch/cable support kit

71.03.093 CABLE SUPPORT KIT

71.03.094 TORCHE/CABLE SUPPORT KIT

SELECTION GUIDE
Power source trolleys

	URANOS 2000 SMC	URANOS NX 2200/2700 SMC	URANOS NX 2200/2700 PMC	URANOS NX 2200/2700 MTE	URANOS NX 3200 PME	URANOS NX 3200 GSM	URANOS NX 4000/5000 PME	URANOS NX 4000/5000 GSM	TERRA NX 320/400 SMC	TERRA NX 320/400 PMC	TERRA NX 320/400/500 MSE	TERRA NX 320 PME	TERRA NX 400/500 PME	URANOS 1800 TLH	URANOS NX 2200/2700 TLH	URANOS NX 3200 TLH	URANOS NX 4000/5000 TLH	TERRA 180 TLH	TERRA NX 270 TLH	TERRA NX 320/400 TLH	URANOS NX 1700/2200 ACDC	URANOS NX 2700/3200 ACDC	URANOS NX 4000/5000 ACDC	TERRA 500 RC
Power source trolley																								
GT 150		●	●	●	●	●							●											●
GT 200	●													●	●				●	●		●		
GT 300	●														●					●		●		
GT 350		●	●	●	●	●							●	●							●			●
GT 400		●	●	●	●	●							●	●							●		●	
GT 400 WF					●	●							●	●							●		●	
GT 500							●	●	●	●			●				●						●	
GT 500 WF							●	●	●	●			●				●						●	
GT 600		●	●	●	●	●							●	●		●					●		●	
GT 600 WF					●	●							●	●							●		●	
GT 700							●	●	●	●			●				●						●	
GT 700 WF							●	●	●	●			●				●						●	

●=Suitable

Stick electrode holder + Welding cable



Stick electrode holder + Welding cable

71.04.002	STICK ELECTRODE HOLDER 200A - POWER CABLE 25mm ² - L.4m - PLUG 25mm ²
71.04.005	STICK ELECTRODE HOLDER 400A - POWER CABLE 25mm ² - L.4m - PLUG 50mm ²
71.04.003	STICK ELECTRODE HOLDER 400A - POWER CABLE 35mm ² - L.4m
71.04.004	STICK ELECTRODE HOLDER 400A - POWER CABLE 50mm ² - L.4m
71.04.006	STICK ELECTRODE HOLDER 400A - POWER CABLE 70mm ² - L.4m

Stick electrode holder



Stick electrode holder

73.03.010	STICK ELECTRODE HOLDER 200A
73.03.110	STICK ELECTRODE HOLDER 400A

Earth cable



Earth cable

71.05.009	WORK CABLE - 25mm ² - L.4m - PLUG 25mm ²
71.05.011	WORK CABLE - 25mm ² - L.4m - PLUG 50mm ²
71.05.012	WORK CABLE - 35mm ² - L.4m
71.05.013	WORK CABLE - 50mm ² - L.4m
71.05.014	WORK CABLE - 70mm ² - L.4m
71.05.008	WORK CABLE - 95mm ² - L.4m

Work clamp



Work clamp

73.03.009	WORK CLAMP 200A
73.03.004	WORK CLAMP 500A
73.03.005	WORK CLAMP 650A

Current plug (cable)



Current plug (cable)

10.13.050	CURRENT PLUG (CABLE) 25mm ²
10.13.051	CURRENT PLUG (CABLE) 50mm ²
10.13.053	CURRENT PLUG (CABLE) 70mm ²
10.13.004	CURRENT SOCKET (CABLE) 50mm ²
10.13.005	CURRENT SOCKET (CABLE) 70mm ²

Welding cable



Welding cable

08.03.00201	WELDING CABLE 25mm ² (PER METER)
08.03.00301	WELDING CABLE 35mm ² (PER METER)
08.03.00401	WELDING CABLE 50mm ² (PER METER)
08.03.00501	WELDING CABLE 70mm ² (PER METER)
08.03.00601	WELDING CABLE 95mm ² (PER METER)

Adapter



Adapter

20.02.011	SPOOL HOLDER
-----------	--------------

Argon bottle and pressure reducer



Argon bottle and pressure reducer

75.50.001	ARGON GAS CYLINDER (12 pieces)
72.01.008	PRESSURE LIMITER

Configuration and assembly of MIG/MAG and TIG systems

Customers can ask for MIG/MAG and TIG systems to be pre-assembled to simplify the work of installation and putting into service.

- Assembly of system with items ordered by the customer
- Installation of power source and cooling unit on trolley
- Connection of cabling and wire feeder (MIG/MAG systems)
- Wiring of mains power plug specified by the customer
- Fitting of torch
- Cooling liquid check
- Tungsten electrode sharpening (TIG systems)
- Assembly of any accessories requested by the customer
- Functional testing of the assembled system

Services

74.04.075	Configuration, assembly and testing of a manual TIG DC - TIG AC welding system
74.04.074	Configuration, assembly and testing of a manual MIG/MAG welding system

New system test certificate

Interested customers may request a certificate declaring that 100% of its products in conformity to applicable legislation and standards.

- Declaration of system testing and calibration to EN 60974-1

Services

93.04.003	Calibration and final testing certificate
-----------	---

JOIN! voestalpine Böhler Welding

We are a leader in the welding industry with over 100 years of experience, more than 50 subsidiaries and more than 4,000 distribution partners around the world. Our extensive product portfolio and welding expertise combined with our global presence guarantees we are close when you need us. Having a profound understanding of your needs enables us to solve your demanding challenges with Full Welding Solutions - perfectly synchronized and as unique as your company.



Lasting Connections – Perfect alignment of welding machines, consumables and technologies combined with our renowned application and process know-how provide the best solution for your requirements: A true and proven connection between people, products and technologies. The result is what we promise: Full Welding Solutions for Lasting Connections.



Tailor-Made Protectivity™ – Proven under the toughest conditions: Our products protect metal surfaces from wear and corrosion. With over 70 years of experience and the broadest product portfolio in the industry, we are your preferred partner for Surface Protection solutions. We deliver what we promise: Surface Protection tailored to your needs.



In-Depth Know-How – As a manufacturer of soldering and brazing consumables, we offer proven solutions based on 60 years of industrial experience, tested processes and methods, made in Germany. This in-depth know-how makes us the internationally preferred partner to solve your soldering and brazing challenge through innovative solutions. The result is what we promise: Innovation based on in-depth know-how.

The Management System of voestalpine Böhler Welding Group GmbH, Peter-Mueller-Strasse 14-14a, 40469 Duesseldorf, Germany has been approved by Lloyd's Register Quality Assurance to: ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007, applicable to: Development, Manufacturing and Supply of Welding and Brazing Consumables. More information: www.voestalpine.com/welding



