

böhler welding
by voestalpine

Lasting Connections

GENERAL CATALOGUE 2019/2020

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Welding process

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

Materials

- Carbon steels
- Aluminized and galvanized steels
- Stainless steels
- Aluminum and aluminum alloys

Applications

- Light job shop fabrication
- Building sites
- Repair and overhaul
- Handicraft working
- Vehicle bodywork repair
- Workshops
- Sheet metal working

**Technical features**

- Green@wave 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
- Linear controlled fan on demand
- Energy-saving inverter technology (built-in P.F.C. - power factor controller)
- Built-in wire feeder unit (2 rolls drive)
- 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

			P	X%			P.F.	I₂	U_o	IP	 mm l x w x h	 Kg
URANOS 2000 SMC	1x230V MIG/MAG	25A	5,7kVA 5,7kW	40°C 40°C 40°C	35% 60% 100%	200A 160A 130A	1	5-200A	58V	23S	500x210x400mm	12,8kg
	1x230V TIG	20A	4,2kVA 4,2kW	40°C 40°C 40°C	35% 60% 100%	200A 170A 140A	1	5-200A	58V	23S	500x210x400mm	12,8kg
	1x230V MMA	25A	5,7kVA 5,7kW	40°C 40°C 40°C	35% 60% 100%	180A 150A 115A	1	5-180A	58V	23S	500x210x400mm	12,8kg

Wirefeeder

	P	 φ (m/min)	 mm		 mm	 φ		
URANOS 2000 SMC SF 2R-1T	40W	0,5-16,0m/min	200mm	2 ●	0,8/1,0mm ● 0,6-1,0mm ○ A 0,8-1,0mm ○ Z 0,9-1,2mm ○	-	-	-

● = Included

○ = Optional

A = Aluminum

Z = Cored

Part No.	Description
	URANOS 2000 SMC - MIG/MAG welding configuration - Gas
55.05.019	URANOS 2000 SMC 1X230V + MIG/MAG TORCH + WORK CABLE
	Total

ACCESSORIES

Torch

81.31.001	MIG/MAG WELDING TORCH SM-15 - L.3m - AIR COOLED
81.01.021	MIG/MAG WELDING TORCH MB 25 AK - L.4m - AIR COOLED
81.32.063	TIG WELDING TORCH ST1700E - L.4m - AIR COOLED
81.32.064	TIG WELDING TORCH ST1700E - L.8m - AIR COOLED

Stick electrode holder

71.04.005	STICK ELECTRODE HOLDER - POWER CABLE 25mm ² - L.4m - PLUG 50mm ²
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Power source trolley

71.03.082	POWER SOURCE TROLLEY GT 200
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Welding process

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

Materials

- Carbon steels
- Aluminized and galvanized steels
- Stainless steels
- Aluminum and aluminum alloys
- Copper and copper alloys

Applications

- Light job shop fabrication
- Building sites
- Shipyards
- Automobile industry
- Railway industry
- Repair and overhaul
- Workshops
- Sheet metal working

**Technical features**

- Green@wave 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
- 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 (2/4 rolls drive)
- Fully Selco designed wire drive unit
- 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
- 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
- Synergic operations from databank (16 pre-set programs) (URANOS 2700 SMC SMART)
- Wire speed (0,5-22,0 m/min)
- Spot welding mode
- Intermittent welding mode
- Bilevel MIG/MAG (URANOS 2700 SMC SMART)
- Remote control compatible
- Selco WU cooling unit compatible
- Controlled cooling operations

Power source

			P	X%	P.F.	I₂	U₀	IP	 mm l x w x h	 Kg
URANOS 2700 SMC	3x400V MIG/MAG	16A	9,1kVA 8,5kW	40°C 45% 270A 40°C 60% 250A 40°C 100% 230A 25°C 100% 270A	0,94	3-270A	92V	23S	620x270x460mm	23,7kg
	3x400V TIG	10A	7,1kVA 6,6kW	40°C 50% 270A 40°C 60% 260A 40°C 100% 240A 25°C 80% 270A 25°C 100% 260A	0,94	3-270A	30V	23S	620x270x460mm	23,7kg
	3x400V MMA	16A	10,0kVA 9,5kW	40°C 40% 270A 40°C 60% 250A 40°C 100% 230A 25°C 100% 270A	0,94	3-270A	65V	23S	620x270x460mm	23,7kg
	3x230V MIG/MAG	20A	9,1kVA 8,7kW	40°C 35% 270A 40°C 60% 230A 40°C 100% 210A 25°C 70% 270A 25°C 100% 240A	0,96	3-270A	92V	23S	620x270x460mm	23,7kg
	3x230V TIG	16A	7,0kVA 6,7kW	40°C 40% 270A 40°C 60% 250A 40°C 100% 230A 25°C 80% 270A 25°C 100% 250A	0,96	3-270A	30V	23S	620x270x460mm	23,7kg
	3x230V MMA	20A	10,1kVA 9,7kW	40°C 30% 270A 40°C 60% 230A 40°C 100% 210A 25°C 70% 270A 25°C 100% 240A	0,96	3-270A	65V	23S	620x270x460mm	23,7kg

Wirefeeder

	P	 (m/min)	 mm		 mm			
URANOS 2700 SMC CLASSIC SL 4R-1T (v.2R)	90W	0,5-22,0m/min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,8-1,2mm ○ A 0,8-1,2mm ○ Z 0,9-1,6mm ○	●	●	—
URANOS 2700 SMC SMART SL 4R-1T (v.2R)	90W	0,5-22,0m/min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,8-1,2mm ○ A 0,8-1,2mm ○ Z 0,9-1,6mm ○	●	●	—

● = Included

○ = Optional

A = Aluminum

Z = Cored

Cooling unit

		P		IP	 mm l x w x h	 Kg
WU 230	1x400 Vac	1,0 kW	3,0l	23S	660x240x220	12,0 kg
WU 232	1x230/400 Vac	1,0 kW	3,0l	23S	660x240x220	13,4 kg

Part No.	Description
	URANOS 2700 SMC CLASSIC - MIG/MAG welding configuration - Gas
55.05.020	URANOS 2700 SMC CLASSIC 3x230V 3x400V
81.01.041	MIG/MAG WELDING TORCH MB 36 KD - L.4m - AIR COOLED
07.01.507	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS (2 ROLLS DRIVE) - 1.0/1.2
71.05.012	WORK CABLE - 35mm ² - L.4m
	Total

	URANOS 2700 SMC SMART - MIG/MAG welding configuration - Gas
55.05.017	URANOS 2700 SMC SMART 3x230V 3x400V
81.01.041	MIG/MAG WELDING TORCH MB 36 KD - L.4m - AIR COOLED
07.01.507	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS (2 ROLLS DRIVE) - 1.0/1.2
71.05.012	WORK CABLE - 35mm ² - L.4m
	Total

	URANOS 2700 SMC CLASSIC - MIG/MAG welding configuration - Water
55.05.020	URANOS 2700 SMC CLASSIC 3x230V 3x400V
71.03.073	COOLING UNIT WU 230 - URANOS
81.01.060	MIG/MAG WELDING TORCH MB 501 D - L.3m - LIQUID COOLED
07.01.507	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS (2 ROLLS DRIVE) - 1.0/1.2
71.05.012	WORK CABLE - 35mm ² - L.4m
	Total

	URANOS 2700 SMC SMART - MIG/MAG welding configuration - Water
55.05.017	URANOS 2700 SMC SMART 3x230V 3x400V
71.03.073	COOLING UNIT WU 230 - URANOS
81.01.060	MIG/MAG WELDING TORCH MB 501 D - L.3m - LIQUID COOLED
07.01.507	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS (2 ROLLS DRIVE) - 1.0/1.2
71.05.012	WORK CABLE - 35mm ² - L.4m
	Total

Part No.	Description
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ACCESSORIES

Power source

55.05.020	URANOS 2700 SMC CLASSIC 3x230V 3x400V
55.05.017	URANOS 2700 SMC SMART 3x230V 3x400V

Wirefeeder

07.01.507	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS (2 ROLLS DRIVE) - 1.0/1.2
07.01.510	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 2 ROLLS DRIVE - 1.0/1.2
07.01.511	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS DRIVE - 1.0/1.2
07.01.512	UPGRADE KIT FROM 4 ROLLS (2 ROLLS DRIVE) TO 4 ROLLS DRIVE - 1.0/1.2
07.01.502	UPGRADE KIT FROM 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
18.91.001	COOLANT CU10 (10kg)

Remote control unit

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
73.11.021	CABLE - SPARE KIT 2200/2700 SMC

Part No.	Description
ACCESSORIES	
Torch	
81.01.041	MIG/MAG WELDING TORCH MB 36 KD - L.4m - AIR COOLED
81.01.006	MIG/MAG WELDING TORCH MB240 D - L.3m - LIQUID COOLED
81.01.007	MIG/MAG WELDING TORCH MB240 D - L.4m - LIQUID COOLED
81.01.053	MIG/MAG WELDING TORCH W 555 D - L.3m - LIQUID COOLED
81.01.054	MIG/MAG WELDING TORCH W 555 D - L.4m - LIQUID COOLED
81.01.060	MIG/MAG WELDING TORCH MB 501 D - L.3m - LIQUID COOLED
81.01.061	MIG/MAG WELDING TORCH MB 501 D - L.4m - LIQUID COOLED
81.01.062	MIG/MAG WELDING TORCH MB 501 D - L.5m - LIQUID COOLED
81.01.14201	MIG/MAG WELDING TORCH PP PLUS 401D - L.4m - LIQUID COOLED - STRAIGHT
73.11.024	2700 PMC PUSH PULL - UPGRADE KIT
81.02.008	TIG WELDING TORCH SR 26 V - L.4m - AIR COOLED
81.02.009	TIG WELDING TORCH SR 26 V - L.8m - AIR COOLED
Stick electrode holder	
71.04.003	STICK ELECTRODE HOLDER - POWER CABLE 35mm ² - L.4m
71.04.004	STICK ELECTRODE HOLDER - 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 (GT200-GT350)
71.03.079	POWER SOURCE TROLLEY GT 400 TIG
71.03.091	LIFTING KIT (GT400-GT500)
71.03.092	TRAY KIT – TORCH HOLDERS (GT400-GT500)
71.03.093	CABLE SUPPORT KIT (GT400-GT500)
71.03.094	TORCHE/CABLE SUPPORT KIT (2 pieces) (GT400-GT500)
71.03.043	TIG RODS HOLDER KIT (GT400-GT500)



Welding process	Applications
• MMA (Electrode) • MIG/MAG short spray manual arc • MIG/MAG short spray synergic arc (TERRA 320 SMC SMART) • MIG/MAG brazing	• 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 • Repair and overhaul • Handicraft working • Vehicle bodywork repair • Building • Installers • Stand construction workers • Door and window fitters • Blacksmiths • Workshops • Sheet metal working
Materials	
• Carbon steels • Aluminized and galvanized steels • Stainless steels • Aluminum and aluminum alloys • Copper and copper alloys	



Technical features

- Advanced inverter technology power source for superior arc performance
- 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)
- 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 (2/4 rolls drive)
- Fully Selco designed wire drive unit
- Ø 200/300 mm wire spool compatible
- Full digital and user-friendly control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- 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)
- 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 (14 pre-set programs)
- Wire speed (0,5-22,0 m/min) (TERRA 320 SMC CLASSIC)
- Wire speed (0,5-22,0 m/min), amperage and piece thickness adjustment (TERRA 320 SMC SMART)
- Spot welding mode
- Intermittent welding mode
- Push-pull torch device
- Remote control compatible
- Selco WU cooling unit compatible
- Controlled cooling operations

Power source

			P	X%			P.F.	I₂	U₀	IP	 mm l x w x h	 Kg
TERRA 320 SMC	3x400V MIG/MAG	20A	14,8kVA 11,0kW	40°C 40°C 25°C 25°C	45% 60% 100% 80%	320A 280A 240A 320A 280A	0,74	3-320A	61V	23S	690x290x510mm	33,0kg
	3x400V MMA	20A	14,8kVA 11,0kW	40°C 40°C 25°C 25°C	45% 60% 100% 80%	300A 280A 240A 300A 280A	0,74	3-320A	61V	23S	690x290x510mm	33,0kg

Wirefeeder

	P	 φ (m/min)	 mm		 mm	 φ		
TERRA 320 SMC CLASSIC SL 4R-1T (v.2R)	90W	0,5-22,0m/min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,6-1,6mm ○ A 0,8-1,6mm ○ Z 0,9-2,4mm ○	●	●	○
TERRA 320 SMC SMART SL 4R-1T (v.2R)	90W	0,5-22,0m/min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,6-1,6mm ○ A 0,8-1,6mm ○ Z 0,9-2,4mm ○	●	●	○

●=Included

○=Optional

A = Aluminum

Z = Cored

Cooling unit

		P		IP	 mm l x w x h	 Kg
WU 330	1x400Vac	1,0kW	5,5l	23S	705x305x250mm	15,0kg

Part No.	Description
	TERRA 320 SMC CLASSIC - MIG/MAG welding configuration - Gas
55.15.012	TERRA 320 SMC 3x400 CLASSIC
07.01.507	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS (2 ROLLS DRIVE) - 1.0/1.2
71.03.081	POWER SOURCE TROLLEY GT 500 TIG
81.01.041	MIG/MAG WELDING TORCH MB 36 KD - L.4m - AIR COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m
	Total
	TERRA 320 SMC SMART - MIG/MAG welding configuration - Gas
55.15.011	TERRA 320 SMC 3x400V SMART
07.01.507	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS (2 ROLLS DRIVE) - 1.0/1.2
71.03.081	POWER SOURCE TROLLEY GT 500 TIG
81.01.041	MIG/MAG WELDING TORCH MB 36 KD - L.4m - AIR COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m
	Total
	TERRA 320 SMC CLASSIC - MIG/MAG welding configuration - Water
55.15.012	TERRA 320 SMC 3x400 CLASSIC
07.01.507	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS (2 ROLLS DRIVE) - 1.0/1.2
71.03.072	COOLING UNIT WU330
71.03.081	POWER SOURCE TROLLEY GT 500 TIG
81.01.061	MIG/MAG WELDING TORCH MB 501 D - L.4m - LIQUID COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m
	Total
	TERRA 320 SMC SMART - MIG/MAG welding configuration - Water
55.15.011	TERRA 320 SMC 3x400V SMART
07.01.507	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS (2 ROLLS DRIVE) - 1.0/1.2
71.03.072	COOLING UNIT WU330
71.03.081	POWER SOURCE TROLLEY GT 500 TIG
81.01.061	MIG/MAG WELDING TORCH MB 501 D - L.4m - LIQUID COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m
	Total

Part No.	Description
ACCESSORIES	
Power source	
55.15.012	TERRA 320 SMC 3x400 CLASSIC
55.15.011	TERRA 320 SMC 3x400V SMART
Wirefeeder	
07.01.510	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 2 ROLLS DRIVE - 1.0/1.2
07.01.507	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS (2 ROLLS DRIVE) - 1.0/1.2
07.01.511	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS DRIVE - 1.0/1.2
Cooling unit	
71.03.072	COOLING UNIT WU330
18.91.001	COOLANT CU10 (10kg)
Remote control unit	
71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.197	REMOTE CONTROL UNIT RC 120 - L.6m - FOOT
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
73.11.016	REMOTE CONTROL CABLE - SPARE KIT
Torch	
81.01.041	MIG/MAG WELDING TORCH MB 36 KD - L.4m - AIR COOLED
81.01.006	MIG/MAG WELDING TORCH MB240 D - L.3m - LIQUID COOLED
81.01.007	MIG/MAG WELDING TORCH MB240 D - L.4m - LIQUID COOLED
81.01.053	MIG/MAG WELDING TORCH W 555 D - L.3m - LIQUID COOLED
81.01.054	MIG/MAG WELDING TORCH W 555 D - L.4m - LIQUID COOLED
81.01.060	MIG/MAG WELDING TORCH MB 501 D - L.3m - LIQUID COOLED
81.01.061	MIG/MAG WELDING TORCH MB 501 D - L.4m - LIQUID COOLED
81.01.062	MIG/MAG WELDING TORCH MB 501 D - L.5m - LIQUID COOLED
81.01.143	MIG/MAG WELDING TORCH PP PLUS 401D - L.4m - LIQUID COOLED - 45°
81.01.145	MIG/MAG WELDING TORCH PP PLUS 401D - L.8m - LIQUID COOLED - 45°
81.01.142	MIG/MAG WELDING TORCH PP PLUS 401D - L.4m - LIQUID COOLED - STRAIGHT
81.01.144	MIG/MAG WELDING TORCH PP PLUS 401D - L.8m - LIQUID COOLED - STRAIGHT
73.11.012	PUSH PULL KIT (WF4000 - WF430 EXCLUSIVE)
Stick electrode holder	
71.04.004	STICK ELECTRODE HOLDER - POWER CABLE 50mm ² - L.4m
71.04.006	STICK ELECTRODE HOLDER - 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
Power source trolley	
71.03.081	POWER SOURCE TROLLEY GT 500 TIG
71.03.091	LIFTING KIT (GT400-GT500)
71.03.092	TRAY KIT – TORCH HOLDERS (GT400-GT500)
71.03.093	CABLE SUPPORT KIT (GT400-GT500)
71.03.094	TORCHE/CABLE SUPPORT KIT (2 pieces) (GT400-GT500)
71.03.043	TIG RODS HOLDER KIT (GT400-GT500)



Welding process	Applications
• MMA (Electrode) • Air Carbon Arc gouging (TERRA 400/500 MSE) • MIG/MAG short spray manual arc • MIG/MAG short spray synergic arc (WF SMART/RAPIDEEP STEEL) • MIG/MAG brazing	• Light job shop fabrication • Medium-heavy job shop fabrication • Heavy job shop fabrication • Building sites • Shipyards • Plants machinery construction • Oil refinery plants construction
Materials	
• Carbon steels • Aluminized and galvanized steels • Stainless steels • Aluminum and aluminum alloys • Copper and copper alloys	• Machine and apparatus construction • Automobile industry • Railway industry • Military industry • Repair and overhaul • Vehicle bodywork repair • Building • Installers • Stand construction workers • Door and window fitters • Blacksmiths • Workshops • Sheet metal working



Technical features

- Advanced inverter technology power source for superior arc performance
- 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 (WF RAPIDEEP STEEL)
- 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)
- Fully Selco designed wire drive unit
- Full parameters control panel on wire feeder unit
- Ø 200/300 mm wire spool compatible
- Wheels kit option compatible
- 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 (64 free memory locations) (WF RAPIDEEP STEEL)
- 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 (WF RAPIDEEP STEEL)
- 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 RAPIDEEP STEEL)
- Synergic operations from databank (14 pre-set programs) (TERRA 320 MSE - WF SMART)
- Synergic operations from databank (18 pre-set programs) (TERRA 400/500 MSE - WF SMART)
- Synergic operations from databank (32 pre-set programs) (TERRA 320 MSE - WF RAPIDEEP STEEL)
- Synergic operations from databank (40 pre-set programs) (TERRA 400/500 MSE - WF RAPIDEEP STEEL)
- Wire speed (0,5-22,0 m/min) (WF CLASSIC)
- Wire speed (0,5-22,0 m/min), amperage and piece thickness adjustment (WF SMART - WF RAPIDEEP STEEL)
- Spot welding mode
- Intermittent welding mode
- Bilevel MIG/MAG (WF RAPIDEEP STEEL)
- Euro adaptor - U/D MIG/MAG torch compatible (WF RAPIDEEP STEEL)
- Push-pull torch device
- Remote control compatible
- Selco WU cooling unit compatible
- Controlled cooling operations

Power source

			P	X%	P.F.	I₂	U_o	IP	 mm l x w x h	 Kg
TERRA 320 MSE	3x400V MIG/MAG	25A	16,2kVA 10,9kW	40°C 50% 320A 40°C 60% 310A 40°C 100% 260A 25°C 90% 320A 25°C 100% 310A	0,68	3-320A	61V	23S	620x240x460mm	20,2kg
	3x400V MMA	25A	16,2kVA 10,9kW	40°C 50% 300A 40°C 60% 290A 40°C 100% 250A 25°C 80% 300A 25°C 100% 290A	0,68	3-320A	61V	23S	620x240x460mm	20,2kg
TERRA 400 MSE	3x400V	30A	22,0kVA 16,2kW	40°C 50% 400A 40°C 60% 360A 40°C 100% 340A 25°C 80% 400A 25°C 100% 360A	0,74	3-400A	61V	23S	620x240x460mm	22,5kg
TERRA 500 MSE	3x400V	40A	29,7kVA 22,2kW	40°C 50% 500A 40°C 60% 470A 40°C 100% 420A 25°C 80% 500A 25°C 100% 470A	0,74	3-500A	61V	23S	620x240x460mm	27,3kg

Wire feeder unit

	P	φ (m/min)	 mm		Ømm					IP	 mm l x w x h	 Kg
WF 330 ARCDRIVE CLASSIC SL 4R-1T (v.2R)	90W	0,5-22,0m/min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,6-1,6mm ○ A 0,8-1,6mm ○ Z 0,9-2,4mm ○	●	●	○	○	23S	660x280x390mm	13,0kg
WF 330 ARCDRIVE SMART SL 4R-1T (v.2R)	90W	0,5-22,0m/min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,6-1,6mm ○ A 0,8-1,6mm ○ Z 0,9-2,4mm ○	●	●	○	○	23S	660x280x390mm	13,0kg
WF 330 RAPIDEED STEEL SL 4R-2T (v.2R)	120W	0,5-25,0m/min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,6-1,6mm ○ A 0,8-1,6mm ○ Z 0,9-2,4mm ○	●	●	○	○	23S	660x280x390mm	13,0kg
WF 430 ARCDRIVE CLASSIC SL 4R-1T (v.2R)	90W	0,5-22,0m/min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,6-1,6mm ○ A 0,8-1,6mm ○ Z 0,9-2,4mm ○	●	●	○	○	23S	640x250x460mm	19,0kg
WF 430 ARCDRIVE SMART SL 4R-1T (v.2R)	90W	0,5-22,0m/min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,6-1,6mm ○ A 0,8-1,6mm ○ Z 0,9-2,4mm ○	●	●	○	○	23S	640x250x460mm	19,0kg
WF 430 RAPIDEED STEEL SL 4R-2T (v.2R)	120W	0,5-25,0m/min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,6-1,6mm ○ A 0,8-1,6mm ○ Z 0,9-2,4mm ○	●	●	○	○	23S	640x250x460mm	19,0kg

● = Included

○ = Optional

A = Aluminum

Z = Cored

Cooling unit

		P		IP	 mm l x w x h	 Kg
WU 230	1x400Vac	1,0kW	3,0l	23S	660x240x220mm	12,0kg

Part No.	Description
	TERRA 320 MSE - MIG/MAG welding configuration - Gas - WF 330 ARCDRIVE CLASSIC
55.13.005	TERRA 320 MSE 3X400V
71.01.068	WIRE FEEDER WF330 ARCDRIVE CLASSIC
07.01.507	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS (2 ROLLS DRIVE) - 1.0/1.2
71.06.329	CABLE ASSEMBLY AIRCOOLED 50mm ² - L.4m
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.01.041	MIG/MAG WELDING TORCH MB 36 KD - L.4m - AIR COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m
	Total
	TERRA 320 MSE - MIG/MAG welding configuration - Gas - WF 330 ARCDRIVE SMART
55.13.005	TERRA 320 MSE 3X400V
71.01.067	WIRE FEEDER WF330 ARCDRIVE SMART
07.01.507	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS (2 ROLLS DRIVE) - 1.0/1.2
71.06.329	CABLE ASSEMBLY AIRCOOLED 50mm ² - L.4m
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.01.041	MIG/MAG WELDING TORCH MB 36 KD - L.4m - AIR COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m
	Total
	TERRA 320 MSE - MIG/MAG welding configuration - Gas - WF 330 RAPIDEER STEEL
55.13.005	TERRA 320 MSE 3X400V
71.01.061	WIRE FEEDER WF330 RAPIDEER STEEL
07.01.502	UPGRADE KIT FROM 2 ROLLS DRIVE TO 4 ROLLS DRIVE - 1.0/1.2
71.06.329	CABLE ASSEMBLY AIRCOOLED 50mm ² - L.4m
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.01.041	MIG/MAG WELDING TORCH MB 36 KD - L.4m - AIR COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m
	Total
	TERRA 320 MSE - MIG/MAG welding configuration - Water - WF 330 ARCDRIVE CLASSIC
55.13.005	TERRA 320 MSE 3X400V
71.01.068	WIRE FEEDER WF330 ARCDRIVE CLASSIC
07.01.507	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS (2 ROLLS DRIVE) - 1.0/1.2
71.06.335	CABLE ASSEMBLY - WATER COOLED 50mm ² - L.4m
71.03.071	COOLING UNIT WU 230 - TERRA
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.01.061	MIG/MAG WELDING TORCH MB 501 D - L.4m - LIQUID COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m
	Total
	TERRA 320 MSE - MIG/MAG welding configuration - Water - WF 330 ARCDRIVE SMART
55.13.005	TERRA 320 MSE 3X400V
71.01.067	WIRE FEEDER WF330 ARCDRIVE SMART
07.01.507	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS (2 ROLLS DRIVE) - 1.0/1.2
71.06.335	CABLE ASSEMBLY - WATER COOLED 50mm ² - L.4m
71.03.071	COOLING UNIT WU 230 - TERRA
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.01.061	MIG/MAG WELDING TORCH MB 501 D - L.4m - LIQUID COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m
	Total

Part No.	Description
	TERRA 320 MSE - MIG/MAG welding configuration - Water - WF 330 RAPIDEEP STEEL
55.13.005	TERRA 320 MSE 3X400V
71.01.061	WIRE FEEDER WF330 RAPIDEEP STEEL
07.01.502	UPGRADE KIT FROM 2 ROLLS DRIVE TO 4 ROLLS DRIVE - 1.0/1.2
71.06.335	CABLE ASSEMBLY - WATER COOLED 50mm ² - L.4m
71.03.071	COOLING UNIT WU 230 - TERRA
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.01.061	MIG/MAG WELDING TORCH MB 501 D - L.4m - LIQUID COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m
	Total
	TERRA 400 MSE - MIG/MAG welding configuration - Water - WF 330 ARCDRIVE CLASSIC
55.13.006	TERRA 400 MSE 3X400V
71.01.068	WIRE FEEDER WF330 ARCDRIVE CLASSIC
07.01.507	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS (2 ROLLS DRIVE) - 1.0/1.2
71.06.327	CABLE ASSEMBLY - WATER COOLED 70mm ² - L.4m
71.03.071	COOLING UNIT WU 230 - TERRA
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.01.061	MIG/MAG WELDING TORCH MB 501 D - L.4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m
	Total
	TERRA 400 MSE - MIG/MAG welding configuration - Water - WF 330 ARCDRIVE SMART
55.13.006	TERRA 400 MSE 3X400V
71.01.067	WIRE FEEDER WF330 ARCDRIVE SMART
07.01.507	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS (2 ROLLS DRIVE) - 1.0/1.2
71.06.327	CABLE ASSEMBLY - WATER COOLED 70mm ² - L.4m
71.03.071	COOLING UNIT WU 230 - TERRA
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.01.061	MIG/MAG WELDING TORCH MB 501 D - L.4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m
	Total
	TERRA 400 MSE - MIG/MAG welding configuration - Water - WF 330 RAPIDEEP STEEL
55.13.006	TERRA 400 MSE 3X400V
71.01.061	WIRE FEEDER WF330 RAPIDEEP STEEL
07.01.502	UPGRADE KIT FROM 2 ROLLS DRIVE TO 4 ROLLS DRIVE - 1.0/1.2
71.06.327	CABLE ASSEMBLY - WATER COOLED 70mm ² - L.4m
71.03.071	COOLING UNIT WU 230 - TERRA
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.01.061	MIG/MAG WELDING TORCH MB 501 D - L.4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m
	Total
	TERRA 500 MSE - MIG/MAG welding configuration - Water - WF 330 ARCDRIVE CLASSIC
55.13.007	TERRA 500 MSE 3X400V
71.01.068	WIRE FEEDER WF330 ARCDRIVE CLASSIC
07.01.507	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS (2 ROLLS DRIVE) - 1.0/1.2
71.06.327	CABLE ASSEMBLY - WATER COOLED 70mm ² - L.4m
71.03.071	COOLING UNIT WU 230 - TERRA
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.01.061	MIG/MAG WELDING TORCH MB 501 D - L.4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m
	Total

Part No.	Description
	TERRA 500 MSE - MIG/MAG welding configuration - Water - WF 330 ARCDRIVE SMART
55.13.007	TERRA 500 MSE 3X400V
71.01.067	WIRE FEEDER WF330 ARCDRIVE SMART
07.01.507	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS (2 ROLLS DRIVE) - 1.0/1.2
71.06.327	CABLE ASSEMBLY - WATER COOLED 70mm ² - L.4m
71.03.071	COOLING UNIT WU 230 - TERRA
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.01.061	MIG/MAG WELDING TORCH MB 501 D - L.4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m
	Total
	TERRA 500 MSE - MIG/MAG welding configuration - Water - WF 330 RAPIDEER STEEL
55.13.007	TERRA 500 MSE 3X400V
71.01.061	WIRE FEEDER WF330 RAPIDEER STEEL
07.01.502	UPGRADE KIT FROM 2 ROLLS DRIVE TO 4 ROLLS DRIVE - 1.0/1.2
71.06.327	CABLE ASSEMBLY - WATER COOLED 70mm ² - L.4m
71.03.071	COOLING UNIT WU 230 - TERRA
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.01.061	MIG/MAG WELDING TORCH MB 501 D - L.4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m
	Total

ACCESSORIES

	Power source
55.13.005	TERRA 320 MSE 3X400V
55.13.006	TERRA 400 MSE 3X400V
55.13.007	TERRA 500 MSE 3X400V
	Wire feeder unit
71.01.068	WIRE FEEDER WF330 ARCDRIVE CLASSIC
71.01.067	WIRE FEEDER WF330 ARCDRIVE SMART
71.01.061	WIRE FEEDER WF330 RAPIDEER STEEL
71.01.065	WIRE FEEDER WF430 ARCDRIVE CLASSIC
71.01.066	WIRE FEEDER WF430 ARCDRIVE SMART
71.01.069	WIRE FEEDER WF430 RAPIDEER STEEL
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
07.01.510	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 2 ROLLS DRIVE - 1.0/1.2
07.01.507	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS (2 ROLLS DRIVE) - 1.0/1.2
07.01.511	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS DRIVE - 1.0/1.2
07.01.502	UPGRADE KIT FROM 2 ROLLS DRIVE TO 4 ROLLS DRIVE - 1.0/1.2
	Cable bundle
71.06.328	CABLE ASSEMBLY AIR 50mm ² - L.1,5m
71.06.329	CABLE ASSEMBLY AIRCOOLED 50mm ² - L.4m
71.06.330	CABLE ASSEMBLY AIR 70mm ² - L.1,5m
71.06.331	CABLE ASSEMBLY AIR 70mm ² - L.4m
71.06.332	CABLE ASSEMBLY AIR 70mm ² - L.10m
71.06.333	CABLE ASSEMBLY AIR 70mm ² L.15m
71.06.317	CABLE ASSEMBLY AIR 70mm ² - L.20m
71.06.318	CABLE ASSEMBLY AIR 70mm ² - L.30m
71.06.323	CABLE ASSEMBLY AIR 70mm ² - L.50m
71.06.334	CABLE ASSEMBLY WATER 50mm ² - L.1.5m
71.06.335	CABLE ASSEMBLY - WATER COOLED 50mm ² - L.4m
71.06.336	CABLE ASSEMBLY WATER 70mm ² - L.1,5m

Part No.	Description
	Cable bundle
71.06.327	CABLE ASSEMBLY - WATER COOLED 70mm ² - L.4m
71.06.337	CABLE ASSEMBLY - WATER COOLED 70mm ² - L.10m
71.06.338	CABLE ASSEMBLY - WATER COOLED 70mm ² - L.15m
71.06.320	CABLE ASSEMBLY - WATER COOLED 70mm ² - L.20m
71.06.321	CABLE ASSEMBLY - WATER COOLED 70mm ² - L.30m
71.06.339	CABLE ASSEMBLY WATER 95mm ² - L.1,5m
71.06.340	CABLE ASSEMBLY - WATER COOLED 95mm ² - L.4m
71.06.341	CABLE ASSEMBLY - WATER COOLED 95mm ² - L.10m
71.06.342	CABLE ASSEMBLY - WATER COOLED 95mm ² - L.15m
71.06.309	CABLE ASSEMBLY WATER 95mm ² - L.20m
71.06.310	CABLE ASSEMBLY WATER 95mm ² - L.30m
	Cooling unit
71.03.071	COOLING UNIT WU 230 - TERRA
18.91.001	COOLANT CU10 (10kg)
	Remote control unit
71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.197	REMOTE CONTROL UNIT RC 120 - L.6m - FOOT
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
73.11.015	REMOTE CONTROL WIRING KIT - WF EXCLUSIVE
73.11.028	REMOTE CONTROL - UPGRADE KIT
	Torch
81.01.041	MIG/MAG WELDING TORCH MB 36 KD - L.4m - AIR COOLED
81.01.006	MIG/MAG WELDING TORCH MB240 D - L.3m - LIQUID COOLED
81.01.007	MIG/MAG WELDING TORCH MB240 D - L.4m - LIQUID COOLED
81.01.053	MIG/MAG WELDING TORCH W 555 D - L.3m - LIQUID COOLED
81.01.054	MIG/MAG WELDING TORCH W 555 D - L.4m - LIQUID COOLED
81.01.060	MIG/MAG WELDING TORCH MB 501 D - L.3m - LIQUID COOLED
81.01.061	MIG/MAG WELDING TORCH MB 501 D - L.4m - LIQUID COOLED
81.01.062	MIG/MAG WELDING TORCH MB 501 D - L.5m - LIQUID COOLED
81.01.143	MIG/MAG WELDING TORCH PP PLUS 401D - L.4m - LIQUID COOLED - 45°
81.01.145	MIG/MAG WELDING TORCH PP PLUS 401D - L.8m - LIQUID COOLED - 45°
81.01.142	MIG/MAG WELDING TORCH PP PLUS 401D - L.4m - LIQUID COOLED - STRAIGHT
81.01.144	MIG/MAG WELDING TORCH PP PLUS 401D - L.8m - LIQUID COOLED - STRAIGHT
73.11.012	PUSH PULL KIT (WF4000 - WF430 EXCLUSIVE)
73.11.013	PUSH PULL KIT (WF430 CLASSIC/SMART)
	Stick electrode holder
71.04.004	STICK ELECTRODE HOLDER - POWER CABLE 50mm ² - L.4m
71.04.006	STICK ELECTRODE HOLDER - 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
71.03.078	POWER SOURCE TROLLEY GT 400 WF
71.03.091	LIFTING KIT (GT400-GT500)
71.03.093	CABLE SUPPORT KIT (GT400-GT500)
71.03.094	TORCHE/CABLE SUPPORT KIT (2 pieces) (GT400-GT500)
71.03.043	TIG RODS HOLDER KIT (GT400-GT500)

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

Materials

- Carbon steels
- Aluminized and galvanized steels
- Stainless steels
- Aluminum and aluminum alloys
- Copper and copper alloys

Applications

- Light job shop fabrication
- Building sites
- Shipyards
- Plants machinery construction
- Automobile industry
- Railway industry
- Repair and overhaul
- Workshops
- Sheet metal working

**Technical features**

- Green@wave 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)
- Built-in wire feeder unit (2/4 rolls drive)
- Fully Selco designed wire drive unit
- 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
- 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
- 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 (60 pre-set programs)
- 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
- Selco WU cooling unit compatible
- Controlled cooling operations

Power source

			P	X%	P.F.	I₂	U₀	IP	 mm l x w x h	 Kg
URANOS 2700 PMC	3x400V MIG/MAG	16A	9,1kVA 8,5kW	40°C 45% 270A 40°C 60% 250A 40°C 100% 230A 25°C 100% 270A	0,94	3-270A	92V	23S	620x270x460mm	23,7kg
	3x400V TIG	10A	7,1kVA 6,6kW	40°C 50% 270A 40°C 60% 260A 40°C 100% 240A 25°C 80% 270A 25°C 100% 260A	0,94	3-270A	30V	23S	620x270x460mm	23,7kg
	3x400V MMA	16A	10,0kVA 9,5kW	40°C 40% 270A 40°C 60% 250A 40°C 100% 230A 25°C 100% 270A	0,94	3-270A	65V	23S	620x270x460mm	23,7kg
	3x230V MIG/MAG	20A	9,1kVA 8,7kW	40°C 35% 270A 40°C 60% 230A 40°C 100% 210A 25°C 70% 270A 25°C 100% 240A	0,96	3-270A	92V	23S	620x270x460mm	23,7kg
	3x230V TIG	16A	7,0kVA 6,7kW	40°C 40% 270A 40°C 60% 250A 40°C 100% 230A 25°C 80% 270A 25°C 100% 250A	0,96	3-270A	30V	23S	620x270x460mm	23,7kg
	3x230V MMA	20A	10,1kVA 9,7kW	40°C 30% 270A 40°C 60% 230A 40°C 100% 210A 25°C 70% 270A 25°C 100% 240A	0,96	3-270A	65V	23S	620x270x460mm	23,7kg

Wirefeeder

	P	 (m/min)	 mm		 mm			
URANOS 2700 PMC SL 4R-2T (v.2R)	120W	0,5-22,0m/min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,6-1,2mm ○ A 0,8-1,2mm ○ Z 0,9-1,6mm ○	●	●	○

●= Included

○= Optional

A= Aluminum

Z= Cored

Cooling unit

		P		IP	 mm l x w x h	 Kg
WU 230	1x400 Vac	1,0kW	3,0l	23S	660x240x220	12,0 kg
WU 232	1x230/400 Vac	1,0kW	3,0l	23S	660x240x220	13,4 kg

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

55.05.018	URANOS 2700 PMC 3x230V 3x400V
07.01.502	UPGRADE KIT FROM 2 ROLLS DRIVE TO 4 ROLLS DRIVE - 1.0/1.2
81.01.041	MIG/MAG WELDING TORCH MB 36 KD - L.4m - AIR COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m
Total	

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

55.05.018	URANOS 2700 PMC 3x230V 3x400V
07.01.502	UPGRADE KIT FROM 2 ROLLS DRIVE TO 4 ROLLS DRIVE - 1.0/1.2
71.03.073	COOLING UNIT WU 230 - URANOS
81.01.060	MIG/MAG WELDING TORCH MB 501 D - L.3m - LIQUID COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m
Total	

Part No.	Description
ACCESSORIES	
Power source	
55.05.018	URANOS 2700 PMC 3x230V 3x400V
Wirefeeder	
07.01.510	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 2 ROLLS DRIVE - 1.0/1.2
07.01.511	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS DRIVE - 1.0/1.2
07.01.512	UPGRADE KIT FROM 4 ROLLS (2 ROLLS DRIVE) TO 4 ROLLS DRIVE - 1.0/1.2
07.01.502	UPGRADE KIT FROM 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
18.91.001	COOLANT CU10 (10kg)
Remote control unit	
71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
Torch	
81.03.013	MIG WELDING TORCH MB25 DGMIG - L.3m - AIR COOLED
81.03.011	MIG WELDING TORCH MB25 DGMIG - L.4m - AIR COOLED
81.01.041	MIG/MAG WELDING TORCH MB 36 KD - L.4m - AIR COOLED
81.01.006	MIG/MAG WELDING TORCH MB240 D - L.3m - LIQUID COOLED
81.01.007	MIG/MAG WELDING TORCH MB240 D - L.4m - LIQUID COOLED
81.03.014	MIG/MAG WELDING TORCH MB240 DgMig - L.3m - LIQUID COOLED
81.03.012	MIG/MAG WELDING TORCH MB240 DgMig - L.4m - LIQUID COOLED
81.01.053	MIG/MAG WELDING TORCH W 555 D - L.3m - LIQUID COOLED
81.01.054	MIG/MAG WELDING TORCH W 555 D - L.4m - LIQUID COOLED
81.01.060	MIG/MAG WELDING TORCH MB 501 D - L.3m - LIQUID COOLED
81.01.061	MIG/MAG WELDING TORCH MB 501 D - L.4m - LIQUID COOLED
81.01.062	MIG/MAG WELDING TORCH MB 501 D - L.5m - LIQUID COOLED
81.03.016	MIG/MAG WELDING TORCH MB501 DgMig - L.3m - LIQUID COOLED
81.03.010	MIG/MAG WELDING TORCH MB501 DgMig - L.4m - LIQUID COOLED
81.01.14201	MIG/MAG WELDING TORCH PP PLUS 401D - L.4m - LIQUID COOLED - STRAIGHT
73.11.024	2700 PMC PUSH PULL - UPGRADE KIT
81.02.008	TIG WELDING TORCH SR 26 V - L.4m - AIR COOLED
81.02.009	TIG WELDING TORCH SR 26 V - L.8m - AIR COOLED
Stick electrode holder	
71.04.003	STICK ELECTRODE HOLDER - POWER CABLE 35mm ² - L.4m
71.04.004	STICK ELECTRODE HOLDER - 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 (GT200-GT350)
71.03.079	POWER SOURCE TROLLEY GT 400 TIG
71.03.091	LIFTING KIT (GT400-GT500)
71.03.092	TRAY KIT – TORCH HOLDERS (GT400-GT500)
71.03.093	CABLE SUPPORT KIT (GT400-GT500)
71.03.094	TORCHE/CABLE SUPPORT KIT (2 pieces) (GT400-GT500)
71.03.043	TIG RODS HOLDER KIT (GT400-GT500)

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

Materials

- Carbon steels
- Aluminized and galvanized steels
- Hardfacing
- Stainless steels
- Duplex steels
- Superduplex steel
- Special steel
- Aluminum and aluminum alloys
- Copper and copper alloys
- Nickel and nickel alloys
- Special materials

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
- Repair and overhaul
- Repair and overhaul
- Workshops
- Sheet metal working

**Technical features**

- Green@wave 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 rolls drive)
- Fully Selco designed wire drive unit
- 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
- 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
- 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 (60 pre-set programs)
- Wire speed (0,5-22,0 m/min), amperage and piece thickness adjustment
- Spot welding mode
- Intermittent welding mode
- Bilevel MIG/MAG
- Digital MIG/MAG torch compatible
- Push-pull torch device
- Remote control compatible
- Selco WU cooling unit compatible
- Controlled cooling operations

Power source

			P	X%			P.F.	I₂	U_o	IP	 mm l x w x h	 Kg
URANOS 3200 PME	3x400V MIG/MAG	20A	13,0kVA 12,4kW	40°C 40°C 25°C 25°C	50% 60% 100% 70%	320A 310A 250A 320A 270A	0,95	3-320A	75V	23S	620x240x460mm	27,6kg
	3x400V TIG	20A	13,0kVA 12,4kW	40°C 40°C 25°C 25°C	60% 100% 70% 100%	320A 270A 320A 270A	0,95	3-320A	75V	23S	620x240x460mm	27,6kg
	3x400V MMA	20A	13,0kVA 12,4kW	40°C 40°C 25°C 25°C	50% 60% 100% 60%	320A 300A 250A 320A 270A	0,95	3-320A	75V	23S	620x240x460mm	27,6kg
	3x230V MIG/MAG	30A	13,3kVA 12,8kW	40°C 40°C 25°C 25°C	35% 60% 100% 60%	320A 280A 230A 320A 270A	0,96	3-320A	75V	23S	620x240x460mm	27,6kg
	3x230V TIG	30A	13,3kVA 12,8kW	40°C 40°C 25°C 25°C	45% 60% 100% 70%	320A 300A 250A 320A 270A	0,96	3-320A	75V	23S	620x240x460mm	27,6kg
	3x230V MMA	30A	13,3kVA 12,8kW	40°C 40°C 25°C 25°C	35% 60% 100% 60%	320A 270A 230A 320A 270A	0,96	3-320A	75V	23S	620x240x460mm	27,6kg

Wire feeder unit

	P	ϕ (m/min)	ϕ mm		$\emptyset$ mm	ϕ				IP	 mm l x w x h	 Kg
WF 3000 SMART SL 4R-2T (v.2R)	120W	0,5-22,0m/min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,6-1,6mm ○ A 0,8-1,6mm ○ Z 0,9-2,4mm ○	●	●	○	○	23S	660x280x390mm	13,0kg
WF 4000 SMART SL 4R-2T (v.2R)	120W	0,5-22,0m/min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,6-1,6mm ○ A 0,8-1,6mm ○ Z 0,9-2,4mm ○	●	●	○	○	23S	640x250x460mm	19,0kg

● = Included

○ = Optional

A = Aluminum

Z = Cored

Cooling unit

		P		IP	 mm l x w x h	 Kg
WU 2000	360Vdc	1,0 kW	3,0l	23S	660x240x220	12,0 kg

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

55.03.058	URANOS 3200 PME 3X230V-3X400V
71.01.060	WIRE FEEDER WF4000 SMART - LCD 3.5"
07.01.502	UPGRADE KIT FROM 2 ROLLS DRIVE TO 4 ROLLS DRIVE - 1.0/1.2
71.06.329	CABLE ASSEMBLY AIRCOOLED 50mm ² - L.4m
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.01.041	MIG/MAG WELDING TORCH MB 36 KD - L.4m - AIR COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m
Total	

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

55.03.058	URANOS 3200 PME 3X230V-3X400V
71.01.060	WIRE FEEDER WF4000 SMART - LCD 3.5"
07.01.502	UPGRADE KIT FROM 2 ROLLS DRIVE TO 4 ROLLS DRIVE - 1.0/1.2
71.06.335	CABLE ASSEMBLY - WATER COOLED 50mm ² - L.4m
71.03.076	COOLING UNIT WU 2000
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.01.061	MIG/MAG WELDING TORCH MB 501 D - L.4m - LIQUID COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m
Total	

Part No.	Description
ACCESSORIES	
Power source	
55.03.058	URANOS 3200 PME 3X230V-3X400V
Wire feeder unit	
71.01.063	WIREFEEDER WF3000 SMART - LCD 3.5"
71.01.060	WIRE FEEDER WF4000 SMART - LCD 3.5"
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
07.01.502	UPGRADE KIT FROM 2 ROLLS DRIVE TO 4 ROLLS DRIVE - 1.0/1.2
Cable bundle	
71.06.328	CABLE ASSEMBLY AIR 50mm ² - L.1,5m
71.06.329	CABLE ASSEMBLY AIRCOOLED 50mm ² - L.4m
71.06.330	CABLE ASSEMBLY AIR 70mm ² - L.1,5m
71.06.331	CABLE ASSEMBLY AIR 70mm ² - L.4m
71.06.332	CABLE ASSEMBLY AIR 70mm ² - L.10m
71.06.333	CABLE ASSEMBLY AIR 70mm ² L.15m
71.06.317	CABLE ASSEMBLY AIR 70mm ² - L.20m
71.06.318	CABLE ASSEMBLY AIR 70mm ² - L.30m
71.06.323	CABLE ASSEMBLY AIR 70mm ² - L.50m
71.06.334	CABLE ASSEMBLY WATER 50mm ² - L.1.5m
71.06.335	CABLE ASSEMBLY - WATER COOLED 50mm ² - L.4m
71.06.336	CABLE ASSEMBLY WATER 70mm ² - L.1,5m
71.06.327	CABLE ASSEMBLY - WATER COOLED 70mm ² - L.4m
71.06.337	CABLE ASSEMBLY - WATER COOLED 70mm ² - L.10m
71.06.338	CABLE ASSEMBLY - WATER COOLED 70mm ² - L.15m
71.06.320	CABLE ASSEMBLY - WATER COOLED 70mm ² - L.20m
71.06.321	CABLE ASSEMBLY - WATER COOLED 70mm ² - L.30m
Cooling unit	
71.03.076	COOLING UNIT WU 2000
18.91.001	COOLANT CU10 (10kg)
Remote control unit	
71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
71.02.201	REMOTE CONTROL UNIT RC 350 - L.6m
Torch	
81.03.013	MIG WELDING TORCH MB25 DGMIG - L.3m - AIR COOLED
81.03.011	MIG WELDING TORCH MB25 DGMIG - L.4m - AIR COOLED
81.01.041	MIG/MAG WELDING TORCH MB 36 KD - L.4m - AIR COOLED
81.01.006	MIG/MAG WELDING TORCH MB240 D - L.3m - LIQUID COOLED
81.01.007	MIG/MAG WELDING TORCH MB240 D - L.4m - LIQUID COOLED
81.03.014	MIG/MAG WELDING TORCH MB240 DgMig - L.3m - LIQUID COOLED
81.03.012	MIG/MAG WELDING TORCH MB240 DgMig - L.4m - LIQUID COOLED
81.01.053	MIG/MAG WELDING TORCH W 555 D - L.3m - LIQUID COOLED
81.01.054	MIG/MAG WELDING TORCH W 555 D - L.4m - LIQUID COOLED
81.01.060	MIG/MAG WELDING TORCH MB 501 D - L.3m - LIQUID COOLED
81.01.061	MIG/MAG WELDING TORCH MB 501 D - L.4m - LIQUID COOLED
81.01.062	MIG/MAG WELDING TORCH MB 501 D - L.5m - LIQUID COOLED
81.03.016	MIG/MAG WELDING TORCH MB501 DgMig - L.3m - LIQUID COOLED
81.03.010	MIG/MAG WELDING TORCH MB501 DgMig - L.4m - LIQUID COOLED
81.01.143	MIG/MAG WELDING TORCH PP PLUS 401D - L.4m - LIQUID COOLED - 45°
81.01.145	MIG/MAG WELDING TORCH PP PLUS 401D - L.8m - LIQUID COOLED - 45°
81.01.142	MIG/MAG WELDING TORCH PP PLUS 401D - L.4m - LIQUID COOLED - STRAIGHT

Part No.	Description
	Torch
81.01.144	MIG/MAG WELDING TORCH PP PLUS 401D - L.8m - LIQUID COOLED - STRAIGHT
73.11.012	PUSH PULL KIT (WF4000 - WF430 EXCLUSIVE)
81.02.008	TIG WELDING TORCH SR 26 V - L.4m - AIR COOLED
81.02.009	TIG WELDING TORCH SR 26 V - L.8m - AIR COOLED
	Stick electrode holder
71.04.004	STICK ELECTRODE HOLDER - 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 (GT200-GT350)
71.03.078	POWER SOURCE TROLLEY GT 400 WF
71.03.091	LIFTING KIT (GT400-GT500)
71.03.093	CABLE SUPPORT KIT (GT400-GT500)
71.03.094	TORCHE/CABLE SUPPORT KIT (2 pieces) (GT400-GT500)
71.03.043	TIG RODS HOLDER KIT (GT400-GT500)
	Weld@Net system
74.04.067	KIT SW WELD@NET PRODUCTION MONITOR
74.04.066	KIT SW WELD@NET PRODUCTION CONTROL MONITOR
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

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

Materials

- Carbon steels
- Aluminized and galvanized steels
- Hardfacing
- Stainless steels
- Duplex steels
- Superduplex steel
- Special steel
- Aluminum and aluminum alloys
- Copper and copper alloys
- Nickel and nickel alloys
- Special materials

Applications

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- Medium-heavy job shop fabrication
- Heavy job shop fabrication
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- Railway industry
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- Military industry
- Aeronautics and Aerospace industry
- Food industry
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- Repair and overhaul
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- Crater filler operating mode
- Synergic operations from databank (80 pre-set programs)
- Wire speed (0,5-22,0 m/min), amperage and piece thickness adjustment
- Spot welding mode
- Intermittent welding mode
- Bilevel MIG/MAG
- Digital MIG/MAG torch compatible
- Push-pull torch device
- Remote control compatible
- Selco WU cooling unit compatible
- Controlled cooling operations

Power source

			P	X%			P.F.	I₂	U_o	IP	 mm l x w x h	 Kg
URANOS 4000 PME	3x400V	25A	16,9kVA 16,1kW	40°C 40°C 25°C	60% 100% 100%	400A 360A 400A	0,95	3-400A	73V	23S	690x290x510mm	35,2kg
URANOS 5000 PME	3x400V	30A	22,9kVA 21,7kW	40°C 40°C 40°C 25°C 25°C	50% 60% 100% 80% 100%	500A 470A 420A 500A 470A	0,95	3-500A	73V	23S	690x290x510mm	37,0kg

Wire feeder unit

	P	ϕ (m/min)	 mm		$\emptyset$ mm	ϕ				IP	 mm l x w x h	 Kg
WF 3000 SMART SL 4R-2T (v.2R)	120W	0,5-22,0m/min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,6-1,6mm ○ A 0,8-1,6mm ○ Z 0,9-2,4mm ○	●	●	○	○	23S	660x280x390mm	13,0kg
WF 4000 SMART SL 4R-2T (v.2R)	120W	0,5-22,0m/min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,6-1,6mm ○ A 0,8-1,6mm ○ Z 0,9-2,4mm ○	●	●	○	○	23S	640x250x460mm	19,0kg

● = Included ○ = Optional

A = Aluminum

Z = Cored

Cooling unit

		P		IP	 mm l x w x h	 Kg
WU 3000	360 Vdc	1,4 kW	5,5l	23S	705x305x250	12,0 kg

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

55.03.059	URANOS 4000 PME 3X400V
71.01.060	WIRE FEEDER WF4000 SMART - LCD 3.5"
07.01.502	UPGRADE KIT FROM 2 ROLLS DRIVE TO 4 ROLLS DRIVE - 1.0/1.2
71.06.327	CABLE ASSEMBLY - WATER COOLED 70mm ² - L.4m
71.03.077	COOLING UNIT WU 3000
71.03.080	POWER SOURCE TROLLEY GT 500 WF
81.01.061	MIG/MAG WELDING TORCH MB 501 D - L.4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m
Total	

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

55.03.060	URANOS 5000 PME 3X400V
71.01.060	WIRE FEEDER WF4000 SMART - LCD 3.5"
07.01.502	UPGRADE KIT FROM 2 ROLLS DRIVE TO 4 ROLLS DRIVE - 1.0/1.2
71.06.327	CABLE ASSEMBLY - WATER COOLED 70mm ² - L.4m
71.03.077	COOLING UNIT WU 3000
71.03.080	POWER SOURCE TROLLEY GT 500 WF
81.01.061	MIG/MAG WELDING TORCH MB 501 D - L.4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m
Total	

Part No.	Description
ACCESSORIES	
Power source	
55.03.059	URANOS 4000 PME 3X400V
55.03.060	URANOS 5000 PME 3X400V
Wire feeder unit	
71.01.063	WIREFEEDER WF3000 SMART - LCD 3.5"
71.01.060	WIRE FEEDER WF4000 SMART - LCD 3.5"
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
07.01.502	UPGRADE KIT FROM 2 ROLLS DRIVE TO 4 ROLLS DRIVE - 1.0/1.2
Cable bundle	
71.06.336	CABLE ASSEMBLY WATER 70mm ² - L.1,5m
71.06.327	CABLE ASSEMBLY - WATER COOLED 70mm ² - L.4m
71.06.337	CABLE ASSEMBLY - WATER COOLED 70mm ² - L.10m
71.06.338	CABLE ASSEMBLY - WATER COOLED 70mm ² - L.15m
71.06.320	CABLE ASSEMBLY - WATER COOLED 70mm ² - L.20m
71.06.321	CABLE ASSEMBLY - WATER COOLED 70mm ² - L.30m
71.06.339	CABLE ASSEMBLY WATER 95mm ² - L.1,5m
71.06.340	CABLE ASSEMBLY - WATER COOLED 95mm ² - L.4m
71.06.341	CABLE ASSEMBLY - WATER COOLED 95mm ² - L.10m
71.06.342	CABLE ASSEMBLY - WATER COOLED 95mm ² - L.15m
71.06.309	CABLE ASSEMBLY WATER 95mm ² - L.20m
71.06.310	CABLE ASSEMBLY WATER 95mm ² - L.30m
Cooling unit	
71.03.077	COOLING UNIT WU 3000
18.91.001	COOLANT CU10 (10kg)
Remote control unit	
71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
71.02.201	REMOTE CONTROL UNIT RC 350 - L.6m
Torch	
81.03.013	MIG WELDING TORCH MB25 DGMIG - L.3m - AIR COOLED
81.03.011	MIG WELDING TORCH MB25 DGMIG - L.4m - AIR COOLED
81.01.041	MIG/MAG WELDING TORCH MB 36 KD - L.4m - AIR COOLED
81.01.006	MIG/MAG WELDING TORCH MB240 D - L.3m - LIQUID COOLED
81.01.007	MIG/MAG WELDING TORCH MB240 D - L.4m - LIQUID COOLED
81.03.014	MIG/MAG WELDING TORCH MB240 DgMig - L.3m - LIQUID COOLED
81.03.012	MIG/MAG WELDING TORCH MB240 DgMig - L.4m - LIQUID COOLED
81.01.053	MIG/MAG WELDING TORCH W 555 D - L.3m - LIQUID COOLED
81.01.054	MIG/MAG WELDING TORCH W 555 D - L.4m - LIQUID COOLED
81.01.060	MIG/MAG WELDING TORCH MB 501 D - L.3m - LIQUID COOLED
81.01.061	MIG/MAG WELDING TORCH MB 501 D - L.4m - LIQUID COOLED
81.01.062	MIG/MAG WELDING TORCH MB 501 D - L.5m - LIQUID COOLED
81.03.016	MIG/MAG WELDING TORCH MB501 DgMig - L.3m - LIQUID COOLED
81.03.010	MIG/MAG WELDING TORCH MB501 DgMig - L.4m - LIQUID COOLED
81.01.143	MIG/MAG WELDING TORCH PP PLUS 401D - L.4m - LIQUID COOLED - 45°
81.01.145	MIG/MAG WELDING TORCH PP PLUS 401D - L.8m - LIQUID COOLED - 45°
81.01.142	MIG/MAG WELDING TORCH PP PLUS 401D - L.4m - LIQUID COOLED - STRAIGHT
81.01.144	MIG/MAG WELDING TORCH PP PLUS 401D - L.8m - LIQUID COOLED - STRAIGHT
73.11.012	PUSH PULL KIT (WF4000 - WF430 EXCLUSIVE)
81.02.008	TIG WELDING TORCH SR 26 V - L.4m - AIR COOLED
81.02.009	TIG WELDING TORCH SR 26 V - L.8m - AIR COOLED

Part No.	Description
	Stick electrode holder
71.04.006	STICK ELECTRODE HOLDER - 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
71.03.080	POWER SOURCE TROLLEY GT 500 WF
71.03.091	LIFTING KIT (GT400-GT500)
71.03.093	CABLE SUPPORT KIT (GT400-GT500)
71.03.094	TORCHE/CABLE SUPPORT KIT (2 pieces) (GT400-GT500)
71.03.043	TIG RODS HOLDER KIT (GT400-GT500)
	Weld@Net system
74.04.067	KIT SW WELD@NET PRODUCTION MONITOR
74.04.066	KIT SW WELD@NET PRODUCTION CONTROL MONITOR
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

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

Materials

- Carbon steels
- Aluminized and galvanized steels
- Stainless steels
- Aluminum and aluminum alloys
- Copper and copper alloys

Applications

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

**Technical features**

- Green@wave 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)
- Built-in wire feeder unit (2/4 rolls drive)
- Fully Selco designed wire drive unit
- 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
- 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
- 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 (60 pre-set programs)
- Wire speed (0,5-22,0 m/min), amperage and piece thickness adjustment
- Spot welding mode
- Intermittent welding mode
- Bilevel MIG/MAG
- Selco 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
- Selco WU cooling unit compatible
- Controlled cooling operations

Power source

			P	X%			P.F.	I₂	U_o	IP	 mm l x w x h	 Kg
URANOS 2700 MTE	3x400V MIG/MAG	16A	9,1kVA 8,5kW	40°C 40°C 25°C	45% 60% 100%	270A 250A 230A 270A	0,94	3-270A	92V	23S	620x270x460	25,0kg
	3x400V TIG	10A	7,1kVA 6,6kW	40°C 40°C 25°C 25°C	50% 60% 100% 80%	270A 260A 240A 270A 260A	0,94	3-270A	92V	23S	620x270x460	25,0kg
	3x400V MMA	16A	10,0kVA 9,5kW	40°C 40°C 25°C	40% 60% 100%	270A 250A 230A 270A	0,94	3-270A	65V	23S	620x270x460	25,0kg
	3x230V MIG/MAG	20A	9,1kVA 8,7kW	40°C 40°C 40°C 25°C 25°C	35% 60% 100% 70% 100%	270A 230A 210A 270A 240A	0,96	3-270A	92V	23S	620x270x460	25,0kg
	3x230V TIG	16A	7,0kVA 6,7kW	40°C 40°C 40°C 25°C 25°C	40% 60% 100% 80% 100%	270A 250A 230A 270A 250A	0,96	3-270A	92V	23S	620x270x460	25,0kg
	3x230V MMA	20A	10,1kVA 9,7kW	40°C 40°C 40°C 25°C 25°C	30% 60% 100% 70% 100%	270A 230A 210A 270A 240A	0,96	3-270A	65V	23S	620x270x460	25,0kg

Wirefeeder

	P	ϕ (m/min)	ϕ mm		ϕ mm	ϕ		
URANOS 2700 MTE SL 4R-2T (v.2R)	120W	0,5-22,0m/min	200/300mm	2 4	1,0/1,2mm 0,6-1,2mm A 0,8-1,2mm Z 0,9-1,6mm	● ○ ○ ○	● ● ●	○

●=Included

○=Optional

A = Aluminum

Z = Cored

Cooling unit

		P		IP	 mm l x w x h	 Kg
WU 230	1x400 Vac	1,0kW	3,0l	23S	660x240x220	12,0 kg
WU 232	1x230/400 Vac	1,0kW	3,0l	23S	660x240x220	13,4 kg

Part No.	Description
URANOS 2700 MTE - LCD 3,5" - MIG/MAG welding configuration - Gas	
55.06.005	URANOS 2700 MTE 3x230V 3x400V
07.01.511	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS DRIVE - 1.0/1.2
81.01.041	MIG/MAG WELDING TORCH MB 36 KD - L.4m - AIR COOLED
81.32.158	TIG WELDING TORCH ST2200 U/D - L.4m - AIR COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m
Total	
URANOS 2700 MTE - LCD 3,5" - MIG/MAG welding configuration - Water	
55.06.005	URANOS 2700 MTE 3x230V 3x400V
07.01.511	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS DRIVE - 1.0/1.2
71.03.073	COOLING UNIT WU 230 - URANOS
81.01.060	MIG/MAG WELDING TORCH MB 501 D - L.3m - LIQUID COOLED
81.32.558	TIG WELDING TORCH ST3000 U/D - L.4m - LIQUID COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m
Total	

Part No.	Description
ACCESSORIES	
Power source	
55.06.005	URANOS 2700 MTE 3x230V 3x400V
Wirefeeder	
07.01.510	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 2 ROLLS DRIVE - 1.0/1.2
07.01.511	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS DRIVE - 1.0/1.2
07.01.512	UPGRADE KIT FROM 4 ROLLS (2 ROLLS DRIVE) TO 4 ROLLS DRIVE - 1.0/1.2
07.01.502	UPGRADE KIT FROM 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
18.91.001	COOLANT CU10 (10kg)
Remote control unit	
71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.197	REMOTE CONTROL UNIT RC 120 - L.6m - FOOT
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
Torch	
81.03.013	MIG WELDING TORCH MB25 DGMIG - L.3m - AIR COOLED
81.03.011	MIG WELDING TORCH MB25 DGMIG - L.4m - AIR COOLED
81.01.041	MIG/MAG WELDING TORCH MB 36 KD - L.4m - AIR COOLED
81.01.006	MIG/MAG WELDING TORCH MB240 D - L.3m - LIQUID COOLED
81.01.007	MIG/MAG WELDING TORCH MB240 D - L.4m - LIQUID COOLED
81.03.014	MIG/MAG WELDING TORCH MB240 DgMig - L.3m - LIQUID COOLED
81.03.012	MIG/MAG WELDING TORCH MB240 DgMig - L.4m - LIQUID COOLED
81.01.053	MIG/MAG WELDING TORCH W 555 D - L.3m - LIQUID COOLED
81.01.054	MIG/MAG WELDING TORCH W 555 D - L.4m - LIQUID COOLED
81.01.060	MIG/MAG WELDING TORCH MB 501 D - L.3m - LIQUID COOLED
81.01.061	MIG/MAG WELDING TORCH MB 501 D - L.4m - LIQUID COOLED
81.01.062	MIG/MAG WELDING TORCH MB 501 D - L.5m - LIQUID COOLED
81.03.016	MIG/MAG WELDING TORCH MB501 DgMig - L.3m - LIQUID COOLED
81.03.010	MIG/MAG WELDING TORCH MB501 DgMig - L.4m - LIQUID COOLED
81.01.14201	MIG/MAG WELDING TORCH PP PLUS 401D - L.4m - LIQUID COOLED - STRAIGHT
73.11.024	2700 PMC PUSH PULL - UPGRADE KIT
81.32.458	TIG WELDING TORCH ST1500 - L.4m - AIR COOLED
81.32.459	TIG WELDING TORCH ST1500 - L.8m - AIR COOLED
81.32.461	TIG WELDING TORCH ST1500 U/D - L.4m - AIR COOLED
81.32.462	TIG WELDING TORCH ST1500 U/D - L.8m - AIR COOLED
81.32.463	TIG WELDING TORCH ST1500 DIGITIG - L.4m - AIR COOLED
81.32.464	TIG WELDING TORCH ST1500 DIGITIG - L.8m - AIR COOLED
81.32.061	TIG WELDING TORCH ST1700 - L.4m - AIR COOLED
81.32.062	TIG WELDING TORCH ST1700 - L.8m - AIR COOLED
81.32.060	TIG WELDING TORCH ST1700 U/D - L.4m - AIR COOLED
81.32.065	TIG WELDING TORCH ST1700 U/D - L.8m - AIR COOLED
81.32.066	TIG WELDING TORCH ST1700 DIGITIG - L.4m - AIR COOLED
81.32.067	TIG WELDING TORCH ST1700 DIGITIG - L.8m - AIR COOLED
81.32.159	TIG WELDING TORCH ST2200 - L.4m - AIR COOLED
81.32.160	TIG WELDING TORCH ST2200 - L.8m - AIR COOLED
81.32.158	TIG WELDING TORCH ST2200 U/D - L.4m - AIR COOLED
81.32.161	TIG WELDING TORCH ST2200 U/D - L.8m - AIR COOLED
81.32.157	TIG WELDING TORCH ST2200 DIGITIG - L.4m - AIR COOLED
81.32.162	TIG WELDING TORCH ST2200 DIGITIG - L.8m - AIR COOLED
81.32.357	TIG WELDING TORCH ST2500 - L.4m - LIQUID COOLED
81.32.358	TIG WELDING TORCH ST2500 - L.8m - LIQUID COOLED
81.32.359	TIG WELDING TORCH ST2500 U/D - L.4m - LIQUID COOLED

Part No.	Description
ACCESSORIES	
Torch	
81.32.360	TIG WELDING TORCH ST2500 U/D - L.8m - LIQUID COOLED
81.32.361	TIG WELDING TORCH ST2500 DIGITIG - L.4m - LIQUID COOLED
81.32.362	TIG WELDING TORCH ST2500 DIGITIG - L.8m - LIQUID COOLED
81.32.559	TIG WELDING TORCH ST3000 - L.4m - LIQUID COOLED
81.32.560	TIG WELDING TORCH ST3000 - L.8m - LIQUID COOLED
81.32.558	TIG WELDING TORCH ST3000 U/D - L.4m - LIQUID COOLED
81.32.561	TIG WELDING TORCH ST3000 U/D - L.8m - LIQUID COOLED
81.32.557	TIG WELDING TORCH ST3000 DIGITIG - L.4m - LIQUID COOLED
81.32.562	TIG WELDING TORCH ST3000 DIGITIG - L.8m - LIQUID COOLED
73.12.019	TIG TORCH CONNECTORS KIT
Stick electrode holder	
71.04.003	STICK ELECTRODE HOLDER - POWER CABLE 35mm ² - L.4m
71.04.004	STICK ELECTRODE HOLDER - 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 (GT200-GT350)
71.03.079	POWER SOURCE TROLLEY GT 400 TIG
71.03.091	LIFTING KIT (GT400-GT500)
71.03.092	TRAY KIT – TORCH HOLDERS (GT400-GT500)
71.03.093	CABLE SUPPORT KIT (GT400-GT500)
71.03.094	TORCHE/CABLE SUPPORT KIT (2 pieces) (GT400-GT500)
71.03.043	TIG RODS HOLDER KIT (GT400-GT500)

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

Materials

- Carbon steels
- Aluminized and galvanized steels
- Hardfacing
- Stainless steels
- Duplex steels
- Superduplex steel
- Special steel
- Aluminum and aluminum alloys
- Copper and copper alloys
- Nickel and nickel alloys
- Special materials

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
- Repair and overhaul
- Repair and overhaul
- Workshops
- Sheet metal working

**Technical features**

- Green@wave 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 rolls drive)
- Fully Selco designed wire drive unit
- 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
- 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
- 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 (60 pre-set programs)
- 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
- Push-pull torch device
- Remote control compatible
- Selco WU cooling unit compatible
- Controlled cooling operations

Power source

			P	X%			P.F.	I₂	U_o	IP	 mm l x w x h	 Kg
URANOS 3200 GSM	3x400V MIG/MAG	20A	13,0kVA 12,4kW	40°C 40°C 25°C 25°C	50% 60% 100% 70%	320A 310A 250A 320A 270A	0,95	3-320A	75V	23S	620x240x460mm	27,6kg
	3x400V TIG	20A	13,0kVA 12,4kW	40°C 40°C 25°C 25°C	60% 100% 70% 100%	320A 270A 320A 270A	0,95	3-320A	75V	23S	620x240x460mm	27,6kg
	3x400V MMA	20A	13,0kVA 12,4kW	40°C 40°C 25°C 25°C	50% 60% 100% 60%	320A 300A 250A 320A 270A	0,95	3-320A	75V	23S	620x240x460mm	27,6kg
	3x230V MIG/MAG	30A	13,3kVA 12,8kW	40°C 40°C 25°C 25°C	35% 60% 100% 60%	320A 280A 230A 320A 270A	0,96	3-320A	75V	23S	620x240x460mm	27,6kg
	3x230V TIG	30A	13,3kVA 12,8kW	40°C 40°C 25°C 25°C	45% 60% 100% 70%	320A 300A 250A 320A 270A	0,96	3-320A	75V	23S	620x240x460mm	27,6kg
	3x230V MMA	30A	13,3kVA 12,8kW	40°C 40°C 25°C 25°C	35% 60% 100% 60%	320A 270A 230A 320A 270A	0,96	3-320A	75V	23S	620x240x460mm	27,6kg

Wire feeder unit

	P	ϕ (m/min)	ϕ mm		$\emptyset$ mm	ϕ				IP	 mm l x w x h	 Kg
WF 3000 CLASSIC SL 4R-2T (v.2R)	120W	0,5-22,0m/min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,6-1,6mm ○ A 0,8-1,6mm ○ Z 0,9-2,4mm ○	●	●	○	○	23S	660x280x390mm	13,0kg
WF 3000 SMART SL 4R-2T (v.2R)	120W	0,5-22,0m/min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,6-1,6mm ○ A 0,8-1,6mm ○ Z 0,9-2,4mm ○	●	●	○	○	23S	660x280x390mm	13,0kg
WF 4000 CLASSIC SL 4R-2T (v.2R)	120W	0,5-22,0m/min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,6-1,6mm ○ A 0,8-1,6mm ○ Z 0,9-2,4mm ○	●	●	○	○	23S	640x250x460mm	19,0kg
WF 4000 SMART SL 4R-2T (v.2R)	120W	0,5-22,0m/min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,6-1,6mm ○ A 0,8-1,6mm ○ Z 0,9-2,4mm ○	●	●	○	○	23S	640x250x460mm	19,0kg

● = Included ○ = Optional

A = Aluminum

Z = Cored

Cooling unit

		P		IP	 mm l x w x h	 Kg
WU 2000	360Vdc	1,0 kW	3,0l	23S	660x240x220	12,0 kg

Part No.	Description
	URANOS 3200 GSM - MIG/MAG welding configuration - Gas - WF 4000 CLASSIC
55.04.021	URANOS 3200 GSM 3X230V-3X400V - LCD 3.5"
71.01.062	WIRE FEEDER WF4000 CLASSIC
07.01.502	UPGRADE KIT FROM 2 ROLLS DRIVE TO 4 ROLLS DRIVE - 1.0/1.2
71.06.329	CABLE ASSEMBLY AIRCOOLED 50mm ² - L.4m
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.01.041	MIG/MAG WELDING TORCH MB 36 KD - L.4m - AIR COOLED
81.32.158	TIG WELDING TORCH ST2200 U/D - L.4m -AIR COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m
	Total

	URANOS 3200 GSM - MIG/MAG welding configuration - Water - WF 4000 CLASSIC
55.04.021	URANOS 3200 GSM 3X230V-3X400V - LCD 3.5"
71.01.062	WIRE FEEDER WF4000 CLASSIC
07.01.502	UPGRADE KIT FROM 2 ROLLS DRIVE TO 4 ROLLS DRIVE - 1.0/1.2
71.06.335	CABLE ASSEMBLY - WATER COOLED 50mm ² - L.4m
71.03.076	COOLING UNIT WU 2000
71.03.078	POWER SOURCE TROLLEY GT 400 WF
81.01.061	MIG/MAG WELDING TORCH MB 501 D - L.4m - LIQUID COOLED
81.32.558	TIG WELDING TORCH ST3000 U/D - L.4m - LIQUID COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m
	Total

ACCESSORIES

Power source

55.04.021	URANOS 3200 GSM 3X230V-3X400V - LCD 3.5"
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Wire feeder unit

71.01.064	WIRE FEEDER WF3000 CLASSIC
71.01.063	WIREFEEDER WF3000 SMART - LCD 3.5"
71.01.062	WIRE FEEDER WF4000 CLASSIC
71.01.060	WIRE FEEDER WF4000 SMART - LCD 3.5"
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
07.01.502	UPGRADE KIT FROM 2 ROLLS DRIVE TO 4 ROLLS DRIVE - 1.0/1.2

Cable bundle

71.06.328	CABLE ASSEMBLY AIR 50mm ² - L.1,5m
71.06.329	CABLE ASSEMBLY AIRCOOLED 50mm ² - L.4m
71.06.330	CABLE ASSEMBLY AIR 70mm ² - L.1,5m
71.06.331	CABLE ASSEMBLY AIR 70mm ² - L.4m
71.06.332	CABLE ASSEMBLY AIR 70mm ² - L.10m
71.06.333	CABLE ASSEMBLY AIR 70mm ² L.15m
71.06.317	CABLE ASSEMBLY AIR 70mm ² - L.20m
71.06.318	CABLE ASSEMBLY AIR 70mm ² - L.30m
71.06.323	CABLE ASSEMBLY AIR 70mm ² - L.50m
71.06.334	CABLE ASSEMBLY WATER 50mm ² - L.1.5m
71.06.335	CABLE ASSEMBLY - WATER COOLED 50mm ² - L.4m
71.06.336	CABLE ASSEMBLY WATER 70mm ² - L.1,5m
71.06.327	CABLE ASSEMBLY - WATER COOLED 70mm ² - L.4m
71.06.337	CABLE ASSEMBLY - WATER COOLED 70mm ² - L.10m
71.06.338	CABLE ASSEMBLY - WATER COOLED 70mm ² - L.15m
71.06.320	CABLE ASSEMBLY - WATER COOLED 70mm ² - L.20m
71.06.321	CABLE ASSEMBLY - WATER COOLED 70mm ² - L.30m

Part No.	Description
ACCESSORIES	
Cooling unit	
71.03.076	COOLING UNIT WU 2000
18.91.001	COOLANT CU10 (10kg)
Remote control unit	
71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.197	REMOTE CONTROL UNIT RC 120 - L.6m - FOOT
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
71.02.201	REMOTE CONTROL UNIT RC 350 - L.6m
Torch	
81.03.013	MIG WELDING TORCH MB25 DGMIG - L.3m - AIR COOLED
81.03.011	MIG WELDING TORCH MB25 DGMIG - L.4m - AIR COOLED
81.01.041	MIG/MAG WELDING TORCH MB 36 KD - L.4m - AIR COOLED
81.01.006	MIG/MAG WELDING TORCH MB240 D - L.3m - LIQUID COOLED
81.01.007	MIG/MAG WELDING TORCH MB240 D - L.4m - LIQUID COOLED
81.03.014	MIG/MAG WELDING TORCH MB240 DgMig - L.3m - LIQUID COOLED
81.03.012	MIG/MAG WELDING TORCH MB240 DgMig - L.4m - LIQUID COOLED
81.01.053	MIG/MAG WELDING TORCH W 555 D - L.3m - LIQUID COOLED
81.01.054	MIG/MAG WELDING TORCH W 555 D - L.4m - LIQUID COOLED
81.01.060	MIG/MAG WELDING TORCH MB 501 D - L.3m - LIQUID COOLED
81.01.061	MIG/MAG WELDING TORCH MB 501 D - L.4m - LIQUID COOLED
81.01.062	MIG/MAG WELDING TORCH MB 501 D - L.5m - LIQUID COOLED
81.03.016	MIG/MAG WELDING TORCH MB501 DgMig - L.3m - LIQUID COOLED
81.03.010	MIG/MAG WELDING TORCH MB501 DgMig - L.4m - LIQUID COOLED
81.01.143	MIG/MAG WELDING TORCH PP PLUS 401D - L.4m - LIQUID COOLED - 45°
81.01.145	MIG/MAG WELDING TORCH PP PLUS 401D - L.8m - LIQUID COOLED - 45°
81.01.142	MIG/MAG WELDING TORCH PP PLUS 401D - L.4m - LIQUID COOLED - STRAIGHT
81.01.144	MIG/MAG WELDING TORCH PP PLUS 401D - L.8m - LIQUID COOLED - STRAIGHT
73.11.012	PUSH PULL KIT (WF4000 - WF430 EXCLUSIVE)
81.32.159	TIG WELDING TORCH ST2200 - L.4m - AIR COOLED
81.32.160	TIG WELDING TORCH ST2200 - L.8m - AIR COOLED
81.32.158	TIG WELDING TORCH ST2200 U/D - L.4m - AIR COOLED
81.32.161	TIG WELDING TORCH ST2200 U/D - L.8m - AIR COOLED
81.32.157	TIG WELDING TORCH ST2200 DIGITIG - L.4m - AIR COOLED
81.32.162	TIG WELDING TORCH ST2200 DIGITIG - L.8m - AIR COOLED
81.32.357	TIG WELDING TORCH ST2500 - L.4m - LIQUID COOLED
81.32.358	TIG WELDING TORCH ST2500 - L.8m - LIQUID COOLED
81.32.359	TIG WELDING TORCH ST2500 U/D - L.4m - LIQUID COOLED
81.32.360	TIG WELDING TORCH ST2500 U/D - L.8m - LIQUID COOLED
81.32.361	TIG WELDING TORCH ST2500 DIGITIG - L.4m - LIQUID COOLED
81.32.362	TIG WELDING TORCH ST2500 DIGITIG - L.8m - LIQUID COOLED
81.32.559	TIG WELDING TORCH ST3000 - L.4m - LIQUID COOLED
81.32.560	TIG WELDING TORCH ST3000 - L.8m - LIQUID COOLED
81.32.558	TIG WELDING TORCH ST3000 U/D - L.4m - LIQUID COOLED
81.32.561	TIG WELDING TORCH ST3000 U/D - L.8m - LIQUID COOLED
81.32.557	TIG WELDING TORCH ST3000 DIGITIG - L.4m - LIQUID COOLED
81.32.562	TIG WELDING TORCH ST3000 DIGITIG - L.8m - LIQUID COOLED
73.12.019	TIG TORCH CONNECTORS KIT
Stick electrode holder	
71.04.004	STICK ELECTRODE HOLDER - POWER CABLE 50mm ² - L.4m
Earth cable	
71.05.013	WORK CABLE - 50mm ² - L.4m

Part No.	Description
ACCESSORIES	
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 (GT200-GT350)
71.03.078	POWER SOURCE TROLLEY GT 400 WF
71.03.091	LIFTING KIT (GT400-GT500)
71.03.093	CABLE SUPPORT KIT (GT400-GT500)
71.03.094	TORCHE/CABLE SUPPORT KIT (2 pieces) (GT400-GT500)
71.03.043	TIG RODS HOLDER KIT (GT400-GT500)
Weld@Net system	
74.04.067	KIT SW WELD@NET PRODUCTION MONITOR
74.04.066	KIT SW WELD@NET PRODUCTION CONTROL MONITOR
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

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

Materials

- Carbon steels
- Aluminized and galvanized steels
- Hardfacing
- Stainless steels
- Duplex steels
- Superduplex steel
- Special steel
- Aluminum and aluminum alloys
- Copper and copper alloys
- Nickel and nickel alloys
- Special materials

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
- Repair and overhaul
- Repair and overhaul
- Workshops
- Sheet metal working

**Technical features**

- Green@wave 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 rolls drive)
- Fully Selco designed wire drive unit
- 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
- 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
- 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 (80 pre-set programs)
- 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
- Push-pull torch device
- Remote control compatible
- Selco WU cooling unit compatible
- Controlled cooling operations

Power source

			P	X%			P.F.	I₂	U_o	IP	 mm l x w x h	 Kg
URANOS 4000 GSM	3x400V	25A	16,9kVA 16,1kW	40°C 40°C 25°C	60% 100% 100%	400A 360A 400A	0,95	3-400A	73V	23S	690x290x510mm	36,5kg
URANOS 5000 GSM	3x400V	30A	22,9kVA 21,7kW	40°C 40°C 40°C 25°C 25°C	50% 60% 100% 80% 100%	500A 470A 420A 500A 470A	0,95	3-500A	73V	23S	690x290x510mm	38,0kg

Wire feeder unit

	P	 (m/min)	 mm		 mm					IP	 mm l x w x h	 Kg
WF 3000 CLASSIC SL 4R-2T (v.2R)	120W	0,5-22,0m/min	200/300mm	2  4 	1,0/1,2mm  0,6-1,6mm  A 0,8-1,6mm  Z 0,9-2,4mm 					23S	660x280x390mm	13,0kg
WF 3000 SMART SL 4R-2T (v.2R)	120W	0,5-22,0m/min	200/300mm	2  4 	1,0/1,2mm  0,6-1,6mm  A 0,8-1,6mm  Z 0,9-2,4mm 					23S	660x280x390mm	13,0kg
WF 4000 CLASSIC SL 4R-2T (v.2R)	120W	0,5-22,0m/min	200/300mm	2  4 	1,0/1,2mm  0,6-1,6mm  A 0,8-1,6mm  Z 0,9-2,4mm 					23S	640x250x460mm	19,0kg
WF 4000 SMART SL 4R-2T (v.2R)	120W	0,5-22,0m/min	200/300mm	2  4 	1,0/1,2mm  0,6-1,6mm  A 0,8-1,6mm  Z 0,9-2,4mm 					23S	640x250x460mm	19,0kg

● = Included

○ = Optional

A = Aluminum

Z = Cored

Cooling unit

		P		IP	 mm l x w x h	 Kg
WU 3000	360 Vdc	1,4 kW	5,5l	23S	705x305x250	12,0 kg

Part No.	Description
	URANOS 4000 GSM - MIG/MAG welding configuration - Water - WF 4000 CLASSIC
55.04.022	URANOS 4000 GSM 3X400V - LCD 3.5"
71.01.062	WIRE FEEDER WF4000 CLASSIC
07.01.502	UPGRADE KIT FROM 2 ROLLS DRIVE TO 4 ROLLS DRIVE - 1.0/1.2
71.06.327	CABLE ASSEMBLY - WATER COOLED 70mm ² - L.4m
71.03.077	COOLING UNIT WU 3000
71.03.080	POWER SOURCE TROLLEY GT 500 WF
81.01.061	MIG/MAG WELDING TORCH MB 501 D - L.4m - LIQUID COOLED
81.32.258	TIG WELDING TORCH ST4000 U/D - L.4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m
	Total

	URANOS 5000 GSM - MIG/MAG welding configuration - Water - WF 4000 CLASSIC
55.04.023	URANOS 5000 GSM 3X400V - LCD 3.5"
71.01.062	WIRE FEEDER WF4000 CLASSIC
07.01.502	UPGRADE KIT FROM 2 ROLLS DRIVE TO 4 ROLLS DRIVE - 1.0/1.2
71.06.327	CABLE ASSEMBLY - WATER COOLED 70mm ² - L.4m
71.03.077	COOLING UNIT WU 3000
71.03.080	POWER SOURCE TROLLEY GT 500 WF
81.01.061	MIG/MAG WELDING TORCH MB 501 D - L.4m - LIQUID COOLED
81.32.258	TIG WELDING TORCH ST4000 U/D - L.4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m
	Total

ACCESSORIES

Power source

55.04.022	URANOS 4000 GSM 3X400V - LCD 3.5"
55.04.023	URANOS 5000 GSM 3X400V - LCD 3.5"

Wire feeder unit

71.01.064	WIRE FEEDER WF3000 CLASSIC
71.01.063	WIREFEEDER WF3000 SMART - LCD 3.5"
71.01.062	WIRE FEEDER WF4000 CLASSIC
71.01.060	WIRE FEEDER WF4000 SMART - LCD 3.5"
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
07.01.502	UPGRADE KIT FROM 2 ROLLS DRIVE TO 4 ROLLS DRIVE - 1.0/1.2

Cable bundle

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

Cooling unit

71.03.077	COOLING UNIT WU 3000
18.91.001	COOLANT CU10 (10kg)

Part No.	Description
ACCESSORIES	
Remote control unit	
71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.197	REMOTE CONTROL UNIT RC 120 - L.6m - FOOT
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
71.02.201	REMOTE CONTROL UNIT RC 350 - L.6m
Torch	
81.03.013	MIG WELDING TORCH MB25 DGMIG - L.3m - AIR COOLED
81.03.011	MIG WELDING TORCH MB25 DGMIG - L.4m - AIR COOLED
81.01.041	MIG/MAG WELDING TORCH MB 36 KD - L.4m - AIR COOLED
81.01.006	MIG/MAG WELDING TORCH MB240 D - L.3m - LIQUID COOLED
81.01.007	MIG/MAG WELDING TORCH MB240 D - L.4m - LIQUID COOLED
81.03.014	MIG/MAG WELDING TORCH MB240 DgMig - L.3m - LIQUID COOLED
81.03.012	MIG/MAG WELDING TORCH MB240 DgMig - L.4m - LIQUID COOLED
81.01.053	MIG/MAG WELDING TORCH W 555 D - L.3m - LIQUID COOLED
81.01.054	MIG/MAG WELDING TORCH W 555 D - L.4m - LIQUID COOLED
81.01.060	MIG/MAG WELDING TORCH MB 501 D - L.3m - LIQUID COOLED
81.01.061	MIG/MAG WELDING TORCH MB 501 D - L.4m - LIQUID COOLED
81.01.062	MIG/MAG WELDING TORCH MB 501 D - L.5m - LIQUID COOLED
81.03.016	MIG/MAG WELDING TORCH MB501 DgMig - L.3m - LIQUID COOLED
81.03.010	MIG/MAG WELDING TORCH MB501 DgMig - L.4m - LIQUID COOLED
81.01.143	MIG/MAG WELDING TORCH PP PLUS 401D - L.4m - LIQUID COOLED - 45°
81.01.145	MIG/MAG WELDING TORCH PP PLUS 401D - L.8m - LIQUID COOLED - 45°
81.01.142	MIG/MAG WELDING TORCH PP PLUS 401D - L.4m - LIQUID COOLED - STRAIGHT
81.01.144	MIG/MAG WELDING TORCH PP PLUS 401D - L.8m - LIQUID COOLED - STRAIGHT
73.11.012	PUSH PULL KIT (WF4000 - WF430 EXCLUSIVE)
81.32.159	TIG WELDING TORCH ST2200 - L.4m - AIR COOLED
81.32.160	TIG WELDING TORCH ST2200 - L.8m - AIR COOLED
81.32.158	TIG WELDING TORCH ST2200 U/D - L.4m - AIR COOLED
81.32.161	TIG WELDING TORCH ST2200 U/D - L.8m - AIR COOLED
81.32.157	TIG WELDING TORCH ST2200 DIGITIG - L.4m - AIR COOLED
81.32.162	TIG WELDING TORCH ST2200 DIGITIG - L.8m - AIR COOLED
81.32.357	TIG WELDING TORCH ST2500 - L.4m - LIQUID COOLED
81.32.358	TIG WELDING TORCH ST2500 - L.8m - LIQUID COOLED
81.32.359	TIG WELDING TORCH ST2500 U/D - L.4m - LIQUID COOLED
81.32.360	TIG WELDING TORCH ST2500 U/D - L.8m - LIQUID COOLED
81.32.361	TIG WELDING TORCH ST2500 DIGITIG - L.4m - LIQUID COOLED
81.32.362	TIG WELDING TORCH ST2500 DIGITIG - L.8m - LIQUID COOLED
81.32.559	TIG WELDING TORCH ST3000 - L.4m - LIQUID COOLED
81.32.560	TIG WELDING TORCH ST3000 - L.8m - LIQUID COOLED
81.32.558	TIG WELDING TORCH ST3000 U/D - L.4m - LIQUID COOLED
81.32.561	TIG WELDING TORCH ST3000 U/D - L.8m - LIQUID COOLED
81.32.557	TIG WELDING TORCH ST3000 DIGITIG - L.4m - LIQUID COOLED
81.32.562	TIG WELDING TORCH ST3000 DIGITIG - L.8m - LIQUID COOLED
81.32.259	TIG WELDING TORCH ST4000 - L.4m - LIQUID COOLED
81.32.260	TIG WELDING TORCH ST4000 - L.8m - LIQUID COOLED
81.32.258	TIG WELDING TORCH ST4000 U/D - L.4m - LIQUID COOLED
81.32.261	TIG WELDING TORCH ST4000 U/D - L.8m - LIQUID COOLED
81.32.257	TIG WELDING TORCH ST4000 DIGITIG - L.4m - LIQUID COOLED
81.32.262	TIG WELDING TORCH ST4000 DIGITIG - L.8m - LIQUID COOLED
73.12.019	TIG TORCH CONNECTORS KIT

Part No.	Description
ACCESSORIES	
Stick electrode holder	
71.04.006	STICK ELECTRODE HOLDER - 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	
71.03.080	POWER SOURCE TROLLEY GT 500 WF
71.03.091	LIFTING KIT (GT400-GT500)
71.03.093	CABLE SUPPORT KIT (GT400-GT500)
71.03.094	TORCHE/CABLE SUPPORT KIT (2 pieces) (GT400-GT500)
71.03.043	TIG RODS HOLDER KIT (GT400-GT500)
Weld@Net system	
74.04.067	KIT SW WELD@NET PRODUCTION MONITOR
74.04.066	KIT SW WELD@NET PRODUCTION CONTROL MONITOR
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

SF 2R-1T

2-rolls wire feeder (1 roll drive)



Part No.	Description
07.01.324	FEED UNIT - 2 ROLLS

SL 4R-1T (v.2R)

4-rolls wire feeder equipped with 2 rolls drive kit (1 roll drive)



Part No.	Description
07.01.340	FEED UNIT 4R (1 ROLL DRIVE)

SL 4R-2T (v.2R)

4-rolls wire feeder equipped with 2 rolls drive kit (2 rolls drive)



Part No.	Description
07.01.339	FEED UNIT 4R (2 ROLLS DRIVE)

SL 4R-2T

4-rolls wire feeder (2 rolls drive)



Part No.	Description
07.01.338	FEED UNIT - 4 ROLLS

SL 4R-4T

4-roll wire feeder (4 rolls drive)



Part No.	Description
07.01.337	FEED UNIT - 4 ROLLS

Upgrade kit for the wirefeeder SL 4R-1T (v.2R)



Part No.	Description
07.01.510	UPGRADE KIT FROM 2 ROLLS(1 ROLL DRIVE) TO 2 ROLLS DRIVE - 1.0/1.2



Part No.	Description
07.01.507	UPGRADE KIT FROM 2 ROLLS(1 ROLL DRIVE) TO 4 ROLLS(2 ROLLS DRIVE) - 1.0/1.2
07.01.50701	UPGRADE KIT FROM 2 ROLLS(1 ROLL DRIVE) TO 4 ROLLS(2 ROLLS DRIVE) - 0.8/1.0



Part No.	Description
07.01.511	UPGRADE KIT FROM 2 ROLLS(1 ROLL DRIVE) TO 4 ROLLS DRIVE - 1.0/1.2

Upgrade kit for the wirefeeder SL 4R-2T (v.2R)



Part No.	Description
07.01.502	UPGRADE KIT FROM 2 ROLLS DRIVE TO 4 ROLLS DRIVE - 1.0/1.2
07.01.50201	UPGRADE KIT FROM 2 ROLLS DRIVE TO 4 ROLLS DRIVE - 0.8/1.0

Upgrade kit for the wirefeeder SL 4R-2T



Part No.	Description
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 - ALUMINUM WIRE (1 piece)
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2) Drive roll - Solid wire

07.01.298	DRIVE ROLL - SMOOTH V GROOVE - SOLID WIRE - D.0,6-0,8mm (1 piece)
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07.01.291	DRIVE ROLL - SMOOTH V GROOVE - SOLID WIRE - D.0,8-1,0mm (1 piece)
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07.01.292	DRIVE ROLL - SMOOTH V GROOVE - SOLID WIRE - D.1,0-1,2mm (1 piece)
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07.01.293	DRIVE ROLL - SMOOTH V GROOVE - SOLID WIRE - D.1,2-1,6mm (1 piece)
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3) Drive roll - Aluminum wire

07.01.295	DRIVE ROLL ALUMINUM WIRE D.0,8-1,0mm (1 piece)
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07.01.296	DRIVE ROLL ALUMINUM WIRE - D.1,0-1,2mm (1 piece)
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07.01.297	DRIVE ROLL ALUMINUM WIRE D.1,2-1,6mm (1 piece)
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4) Drive roll - Cored wire

07.01.301	DRIVE ROLL CORED WIRE D.0,9-1,0mm (1 piece)
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07.01.300	DRIVE ROLL CORED WIRE D.1,2-1,6mm (1 piece)
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07.01.321	DRIVE ROLL CORED WIRE D.1,6-2,0-2,4mm (1 piece)
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5) Other

07.01.309	DRIVING GEAR WHEEL (1 piece)
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07.01.312	FEED UNIT - GEAR WHEEL (1 piece)
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20.07.079	KNOB (1 piece)
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20.07.085	FEED UNIT WASHER - SPARE KIT (1 piece)
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09.11.215	KNOB (1 piece)
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07.01.314	BALL BEARING (1 piece)
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Spare parts for the wirefeeder SF



1) Upper drive roll

07.01.325	DRIVE ROLL - WITHOUT GROOVE - ALUMINUM WIRE (1 piece)
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2) Drive roll - Solid wire

07.01.326	DRIVE ROLL - SMOOTH V GROOVE - SOLID WIRE - D.0,6-0,8mm (1 piece)
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07.01.327	DRIVE ROLL - SMOOTH V GROOVE - SOLID WIRE - D.0,8-0,9mm (1 piece)
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07.01.328	DRIVE ROLL - SMOOTH V GROOVE - SOLID WIRE - D.0,8-1,0mm (1 piece)
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07.01.329	DRIVE ROLL - SMOOTH V GROOVE - SOLID WIRE - D.1,0-1,2mm (1 piece)
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3) Drive roll - Aluminum wire

07.01.330	DRIVE ROLL ALUMINUM WIRE D.0,8-1,0mm (1 piece)
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07.01.331	DRIVE ROLL ALUMINUM WIRE - D.1,0-1,2mm (1 piece)
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4) Drive roll - Cored wire

07.01.332	DRIVE ROLL CORED WIRE D.0,9-1,0mm (1 piece)
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07.01.333	DRIVE ROLL CORED WIRE D.1,0-1,2mm (1 piece)
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Wire feeder Cross reference

	WF 3000/4000 CLASSIC	WF 3000/4000 SMART	WF 330/430 CLASSIC	WF 330/430 SMART	WF 330 / 430 RAPID DEEP STEEL	URANOS 2000 SMC	URANOS 2700 SMC CLASSIC	URANOS 2200/2700 SMC SMART	URANOS 2700 PMC	URANOS 2700 MTE	TERRA 320 SMC CLASSIC	TERRA 320/400 SMC SMART
SF 2R-1T						●						
SL 2R-2T												
SL 4R-1T (v.2R)			●	●			●	●			●	●
SL 4R-2T (v.2R)	●	●	○	○	●		○	○	●	●	○	○
SL 4R-2T	○	○	○	○	○		○	○	○	○	○	○
SL 4R-4T	○	○	○	○	○		○	○	○	○	○	○

●=Included ○=Optional

WF 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 push-button
- Gas flow test button
- Ø200/300 mm wire spool compatible
- Wheels kit option compatible
- Euro adaptor - MIG/MAG torch compatible
- Push-pull torch device
- Water cooling compatible
- Remote control compatible



	P	ϕ (m/min)	ϕ mm		ϕ mm	ϕ					 mm l x w x h	 Kg
WF 3000 CLASSIC SL 4R-2T (v.2R)	120W	0,5-22,0m/min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,6-1,6mm ○ A 0,8-1,6mm ○ Z 0,9-2,4mm ○	●	●	○	○	23S	660x280x390mm	13,0kg

● = Included

○ = Optional

A = Aluminum

Z = Cored

Part No.	Description
71.01.064	WIRE FEEDER WF3000 CLASSIC
07.01.502	UPGRADE KIT FROM 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 (WF4000 - WF430 EXCLUSIVE)

WF 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 push-button
- Gas flow test button
- Ø200/300 mm wire spool compatible
- Wheels kit option compatible
- Euro adaptor - MIG/MAG torch compatible
- Push-pull torch device
- Water cooling compatible
- Remote control compatible



	P	ϕ (m/min)	ϕ mm		ϕ mm	ϕ					 mm l x w x h	 Kg
WF 3000 SMART SL 4R-2T (v.2R)	120W	0,5-22,0m/min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,6-1,6mm ○ A 0,8-1,6mm ○ Z 0,9-2,4mm ○	●	●	○	○	23S	660x280x390mm	13,0kg

● = Included

○ = Optional

A = Aluminum

Z = Cored

Part No.	Description
71.01.063	WIREFEEDER WF3000 SMART - LCD 3.5"
07.01.502	UPGRADE KIT FROM 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 (WF4000 - WF430 EXCLUSIVE)

WF 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 push-button
- Gas flow test button
- Ø200/300 mm wire spool compatible
- Wheels kit option compatible
- Euro adaptor - MIG/MAG torch compatible
- Push-pull torch device
- Water cooling compatible
- Remote control compatible



	P	ϕ (m/min)	 mm		$\emptyset$ mm	ϕ					IP	 mm l x w x h	 Kg
WF 4000 CLASSIC SL 4R-2T (v.2R)	120W	0,5-22,0m/min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,6-1,6mm ○ A 0,8-1,6mm ○ Z 0,9-2,4mm ○	●	●	○	○	○	23S	640x250x460mm	19,0kg

● = Included

○ = Optional

A = Aluminum

Z = Cored

Part No.	Description
71.01.062	WIRE FEEDER WF4000 CLASSIC
07.01.502	UPGRADE KIT FROM 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 (WF4000 - WF430 EXCLUSIVE)
73.10.075	WIRE FEEDER HOLDER KIT

WF 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 push-button
- Gas flow test button
- Ø200/300 mm wire spool compatible
- Wheels kit option compatible
- Euro adaptor - MIG/MAG torch compatible
- Push-pull torch device
- Water cooling compatible
- Remote control compatible



	P	ϕ (m/min)	 mm		$\emptyset$ mm	ϕ					IP	 mm l x w x h	 Kg
WF 4000 SMART SL 4R-2T (v.2R)	120W	0,5-22,0m/min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,6-1,6mm ○ A 0,8-1,6mm ○ Z 0,9-2,4mm ○	●	●	○	○	○	23S	640x250x460mm	19,0kg

● = Included

○ = Optional

A = Aluminum

Z = Cored

Part No.	Description
71.01.060	WIRE FEEDER WF4000 SMART - LCD 3.5"
07.01.502	UPGRADE KIT FROM 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 (WF4000 - WF430 EXCLUSIVE)
73.10.075	WIRE FEEDER HOLDER KIT

WF 330 ARCDRIVE Classic

- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Welding parameters digital adjustment
- Wire feed push-button
- Gas flow 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



	P	Φ (m/min)	 mm		$\emptyset$ mm	Φ				IP	 mm l x w x h	 Kg
WF 330 ARCDRIVE CLASSIC SL 4R-1T (v.2R)	90W	0,5-22,0m /min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,6-1,6mm ○ A 0,8-1,6mm ○ Z 0,9-2,4mm ○	●	●	○	○	23S	660x280x390mm	13,0kg

● = Included

○ = Optional

A = Aluminum

Z = Cored

Part No.	Description
71.01.068	WIRE FEEDER WF330 ARCDRIVE CLASSIC
07.01.510	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 2 ROLLS DRIVE - 1.0/1.2
07.01.507	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS (2 ROLLS DRIVE) - 1.0/1.2
07.01.511	UPGRADE KIT FROM 2 ROLLS (1 ROLL 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 (WF4000 - WF430 EXCLUSIVE)

WF 330 ARCDRIVE Smart

- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Welding parameters digital adjustment
- Wire feed push-button
- Gas flow 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



	P	Φ (m/min)	 mm		$\emptyset$ mm	Φ				IP	 mm l x w x h	 Kg
WF 330 ARCDRIVE SMART SL 4R-1T (v.2R)	90W	0,5-22,0m/min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,6-1,6mm ○ A 0,8-1,6mm ○ Z 0,9-2,4mm ○	●	●	○	○	23S	660x280x390mm	13,0kg

● = Included

○ = Optional

A = Aluminum

Z = Cored

Part No.	Description
71.01.067	WIRE FEEDER WF330 ARCDRIVE SMART
07.01.510	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 2 ROLLS DRIVE - 1.0/1.2
07.01.507	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS (2 ROLLS DRIVE) - 1.0/1.2
07.01.511	UPGRADE KIT FROM 2 ROLLS (1 ROLL 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 (WF4000 - WF430 EXCLUSIVE)

WF 330 RAPIDEER Steel

- 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 push-button
- Gas flow test button
- Ø200/300 mm wire spool compatible
- Wheels kit option compatible
- Euro adaptor - MIG/MAG torch compatible
- Push-pull torch device
- Water cooling compatible
- Remote control compatible



	P	ϕ (m/min)	 mm		$\emptyset$ mm	ϕ					IP	 mm l x w x h	 Kg
WF 330 RAPIDEER STEEL SL 4R-2T (v.2R)	120W	0,5-25,0m/min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,6-1,6mm ○ A 0,8-1,6mm ○ Z 0,9-2,4mm ○	● ●	○ ○	○ ○	○ ○	○ ○	23S	660x280x390mm	13,0kg

● = Included

○ = Optional

A = Aluminum

Z = Cored

Part No.	Description
71.01.061	WIRE FEEDER WF330 RAPIDEER STEEL
07.01.502	UPGRADE KIT FROM 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 (WF4000 - WF430 EXCLUSIVE)
73.11.015	REMOTE CONTROL WIRING KIT - WF EXCLUSIVE

WF 430 ARCDRIVE Classic

- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Welding parameters digital adjustment
- Wire feed push-button
- Gas flow test button
- Ø200/300 mm wire spool compatible
- Wheels kit option compatible
- Euro adaptor - MIG/MAG torch compatible
- Push-pull torch device
- Water cooling compatible



	P	ϕ (m/min)	 mm		$\emptyset$ mm	ϕ					IP	 mm l x w x h	 Kg
WF 430 ARCDRIVE CLASSIC SL 4R-1T (v.2R)	90W	0,5-22,0m/min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,6-1,6mm ○ A 0,8-1,6mm ○ Z 0,9-2,4mm ○	● ●	○ ○	○ ○	○ ○	○ ○	23S	640x250x460mm	19,0kg

● = Included

○ = Optional

A = Aluminum

Z = Cored

Part No.	Description
71.01.065	WIRE FEEDER WF430 ARCDRIVE CLASSIC
07.01.510	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 2 ROLLS DRIVE - 1.0/1.2
07.01.507	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS (2 ROLLS DRIVE) - 1.0/1.2
07.01.511	UPGRADE KIT FROM 2 ROLLS (1 ROLL 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 (WF430 CLASSIC/SMART)
73.10.075	WIRE FEEDER HOLDER KIT

WF 430 ARCDRIVE Smart

- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Welding parameters digital adjustment
- Wire feed push-button
- Gas flow 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



	P	ϕ (m/min)	ϕ mm		ϕ mm	ϕ				IP	 mm l x w x h	 Kg
WF 430 ARCDRIVE SMART SL 4R-1T (v.2R)	90W	0,5-22,0m/min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,6-1,6mm ○ A 0,8-1,6mm ○ Z 0,9-2,4mm ○	●	●	○	○	23S	640x250x460mm	19,0kg

● = Included

○ = Optional

A = Aluminum

Z = Cored

Part No.	Description
71.01.066	WIRE FEEDER WF430 ARCDRIVE SMART
07.01.510	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 2 ROLLS DRIVE - 1.0/1.2
07.01.507	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS (2 ROLLS DRIVE) - 1.0/1.2
07.01.511	UPGRADE KIT FROM 2 ROLLS (1 ROLL 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 (WF430 CLASSIC/SMART)
73.10.075	WIRE FEEDER HOLDER KIT

WF 430 RAPIDEED Steel

- 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 push-button
- Gas flow 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



	P	ϕ (m/min)	ϕ mm		ϕ mm	ϕ				IP	 mm l x w x h	 Kg
WF 430 RAPIDEED STEEL SL 4R-2T (v.2R)	120W	0,5-25,0m/min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,6-1,6mm ○ A 0,8-1,6mm ○ Z 0,9-2,4mm ○	●	●	○	○	23S	640x250x460mm	19,0kg

● = Included

○ = Optional

A = Aluminum

Z = Cored

Part No.	Description
71.01.069	WIRE FEEDER WF430 RAPIDEED STEEL
07.01.502	UPGRADE KIT FROM 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 (WF4000 - WF430 EXCLUSIVE)
73.10.075	WIRE FEEDER HOLDER KIT
73.11.015	REMOTE CONTROL WIRING KIT - WF EXCLUSIVE

Wheels upgrade kit D.125mm

Compatible with		
• WF330 ARCDRIVE CLASSIC	• WF430 ARCDRIVE CLASSIC	• WF3000 CLASSIC
• WF330 SMART	• WF430 SMART	• WF3000 SMART
• WF330 RAPIDEEP STEEL	• WF430 RAPIDEEP STEEL	• WF4000 CLASSIC
		• WF4000 SMART



Part No.	Description
73.10.073	FEED UNIT BIG WHEELS - UPGRADE KIT (D.125mm)

Wheels upgrade kit D.63mm

Compatible with		
• WF330 ARCDRIVE CLASSIC	• WF430 ARCDRIVE CLASSIC	• WF3000 CLASSIC
• WF330 SMART	• WF430 SMART	• WF3000 SMART
• WF330 RAPIDEEP STEEL	• WF430 RAPIDEEP STEEL	• WF4000 CLASSIC
		• WF4000 SMART



Part No.	Description
73.10.074	FEED UNIT LITTLE WHEELS - UPGRADE KIT (D.63mm)

Wire feeder holder kit

Compatible with	
• WF430 ARCDRIVE CLASSIC	• WF4000 CLASSIC
• WF430 ARCDRIVE SMART	• WF4000 SMART
• WF430 RAPIDEEP STEEL	



Part No.	Description
73.10.075	WIRE FEEDER HOLDER KIT

Wire feeder unit Cross reference

	WF 3000 CLASSIC	WF 3000 SMART	WF 4000 CLASSIC	WF 4000 SMART	WF 330 ARCDRIVE CLASSIC	WF 330 ARCDRIVE SMART	WF 330 RAPIDEEP STEEL	WF 430 ARCDRIVE CLASSIC	WF 430 ARCDRIVE SMART	WF 430 RAPIDEEP STEEL
2-rolls wire feeder	●	●	●	●	●	●	●	●	●	●
4-rolls wire feeder	○	○	○	○	○	○	○	○	○	○
18m/min										
22m/min	●	●	●	●	●	●	●	●	●	●
Wheels kit option compatible	○	○	○	○	○	○	○	○	○	○
7 segments LED display	●	●	●	●	●	●	●	●	●	●
LCD graphics display	●	●	●	●						
Digital adjustment of parameters	●	●	●	●	●	●	●	●	●	●
Analog adjustment of parameters										
Gas flow regulator										
Welding parameters digital display	●	●	●	●	●	●	●	●	●	●
Set up		●		●	●	●	●	●	●	●
Memory programs	●	●	●	●			●			●
Lock-unlock function key protected by password		●		●	●	●	●	●	●	●
MMA welding process	●	●	●	●	●	●	●	●	●	●
VRD	●	●	●	●	●	●	●	●	●	●
MMA Synergy	●	●	●	●	●	●	●	●	●	●
Hot start	●	●	●	●	●	●	●	●	●	●
Arc force	●	●	●	●	●	●	●	●	●	●
Antisticking	●	●	●	●	●	●	●	●	●	●
Air Carbon Arc gouging process	●	●	●	●	●	●	●	●	●	●
TIG welding process	●	●	●	●	●	●	●	●	●	●
Lift mode arc striking	●	●	●	●	●	●	●	●	●	●
MIG/MAG welding process	●	●	●	●	●	●	●	●	●	●
Pulsed MIG welding process	●	●	●	●						
Duoble 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 push-button	●	●	●	●	●	●	●	●	●	●
Gas flow test button	●	●	●	●	●	●	●	●	●	●
Remote control compatible	●	●	●	●			○			○
Euro adaptor - MIG/MAG torch compatible	●	●	●	●	●	●	●	●	●	●
Euro adaptor - MIG/MAG U/D torch compatible	●	●	●	●			●			●
Euro adaptor - MIG/MAG DGMIG torch compatible	●	●	●	●						
Push-pull torch device	○	○	○	○	○	○	○	○	○	○
Water cooling compatible	●	●	●	●	●	●	●	●	●	●
Roll-bar										

● = Included ○ = Optional

SM15

Gas

	X% Ar/CO ₂	X% CO ₂	Ø _{mm}	←m→	△Kg
SM15	35% 150A	35% 180A	0,6-1,0mm	3m	—



Part No.	Description
81.31.001	MIG/MAG WELDING TORCH SM-15 - L.3m - AIR COOLED

MB15AK

Gas

	X% Ar/CO ₂	X% CO ₂	Ø _{mm}	←m→	△Kg
MB15AK	60% 150A	60% 180A	0,6-1,0mm	3/4m	—



Part No.	Description
81.01.011	MIG/MAG WELDING TORCH MB 15 AK - L.3m - AIR COOLED
81.01.012	MIG/MAG WELDING TORCH MB 15 AK - L.4m - AIR COOLED

MB25AK

Gas

	X% Ar/CO ₂	X% CO ₂	Ø _{mm}	←m→	△Kg
MB25AK	60% 200A	60% 230A	0,8-1,2mm	4m	—



Part No.	Description
81.01.021	MIG/MAG WELDING TORCH MB 25 AK - L.4m - AIR COOLED

MB 25 DGMIG

Gas

	X% Ar/CO ₂	X% CO ₂	Ø _{mm}	←m→	△Kg
MB 25 DGMIG	60% 200A	60% 230A	0,8-1,2mm	3/4m	—



Part No.	Description
81.03.013	MIG WELDING TORCH MB25 DGMIG - L.3m - AIR COOLED
81.03.011	MIG WELDING TORCH MB25 DGMIG - L.4m - AIR COOLED

MB26KD

Gas

	X% Ar/CO ₂	X% CO ₂	Ømm	←m→	△Kg
MB26KD	60% 240A	60% 270A	0,8-1,2mm	4m	—



Part No.	Description
81.01.031	MIG/MAG WELDING TORCH MB 26 KD - L.4m - AIR COOLED

MB36KD

Gas

	X% Ar/CO ₂	X% CO ₂	Ømm	←m→	△Kg
MB36KD	60% 270A	60% 300A	0,8-1,2mm	4m	—



Part No.	Description
81.01.041	MIG/MAG WELDING TORCH MB 36 KD - L.4m - AIR COOLED

MB 240 D

Water

	X% Ar/CO ₂	X% CO ₂	Ømm	←m→	△Kg
MB 240 D	100% 270A	100% 300A	0,8-1,2mm	3/4m	—



Part No.	Description
81.01.006	MIG/MAG WELDING TORCH MB240 D - L.3m - LIQUID COOLED
81.01.007	MIG/MAG WELDING TORCH MB240 D - L.4m - LIQUID COOLED

MB 240 DGMIG

Water

	X% Ar/CO ₂	X% CO ₂	Ømm	←m→	△Kg
MB 240 DGMIG	100% 270A	100% 300A	0,8-1,2mm	3/4m	—



Part No.	Description
81.03.014	MIG/MAG WELDING TORCH MB240 DgMig - L.3m - LIQUID COOLED
81.03.012	MIG/MAG WELDING TORCH MB240 DgMig - L.4m - LIQUID COOLED

MB501D

Gas

	X% Ar/CO ₂	X% CO ₂	Ø _{mm}	←m→	△Kg
MB501D	100% 450A	100% 500A	0,8-1,6mm	3/4m	—



Part No.	Description
81.01.060	MIG/MAG WELDING TORCH MB 501 D - L.3m - LIQUID COOLED
81.01.061	MIG/MAG WELDING TORCH MB 501 D - L.4m - LIQUID COOLED
81.01.062	MIG/MAG WELDING TORCH MB 501 D - L.5m - LIQUID COOLED

MB 501 DGMIG

Water

	X% Ar/CO ₂	X% CO ₂	Ø _{mm}	←m→	△Kg
MB 501 DGMIG	100% 450A	100% 500A	0,8-1,6mm	3/4m	—



Part No.	Description
81.03.016	MIG/MAG WELDING TORCH MB501 DgMig - L.3m - LIQUID COOLED
81.03.010	MIG/MAG WELDING TORCH MB501 DgMig - L.4m - LIQUID COOLED

ABIMIGW555D

Water

	X% Ar/CO ₂	X% CO ₂	Ø _{mm}	←m→	△Kg
ABIMIG W555D	100% 500A	100% 550A	0,8-1,6mm	3/4m	—



Part No.	Description
81.01.053	MIG/MAG WELDING TORCH W 555 D - L.3m - LIQUID COOLED
81.01.054	MIG/MAG WELDING TORCH W 555 D - L.4m - LIQUID COOLED

PP PLUS 401D

Water

	X% Ar/CO ₂	X% CO ₂	Ø _{mm}	←m→	△Kg
PP PLUS 401D	100% 350A	100% 400A	0,8-1,6mm	4/8m	—



Part No.	Description
81.01.143	MIG/MAG WELDING TORCH PP PLUS 401D - L.4m - LIQUID COOLED - 45°
81.01.142	MIG/MAG WELDING TORCH PP PLUS 401D - L.4m - LIQUID COOLED - STRAIGHT
81.01.14201	MIG/MAG WELDING TORCH PP PLUS 401D - L.4m - LIQUID COOLED - STRAIGHT
81.01.145	MIG/MAG WELDING TORCH PP PLUS 401D - L.8m - LIQUID COOLED - 45°
81.01.144	MIG/MAG WELDING TORCH PP PLUS 401D - L.8m - LIQUID COOLED - STRAIGHT

Spare parts SM15



1) Gas nozzle (conical)

82.02.010	GAS NOZZLE (CONICAL) (10 pieces)
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2) Contact tip

82.01.004	CONTACT TIP D.0,6mm M6 D6 (10 pieces)
82.01.005	CONTACT TIP D.0,8 mm M6 D6 (10 pieces)
82.01.006	CONTACT TIP D.0,9mm M6 D6 (10 pieces)
82.01.007	CONTACT TIP D1,0mm M6 D6 (10 pieces)
82.01.008	CONTACT TIP D1,2mm M6 D6 (10 pieces)
82.01.009	CONTACT TIP D.0,8mm FOR ALUMINUM M6 D6 (10 pieces)
82.01.010	CONTACT TIP D1,0mm FOR ALUMINUM M6 D6 (10 pieces)

3) Tip holder - short

82.15.001	TIP HOLDER - SHORT - M6 (10 pieces)
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4) 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)
82.05.138	GRAPHITE LINER 0,6-0,8mm - L.3m (1 piece)
82.05.141	GRAPHITE LINER 1,0-1,2mm - L.3m (1 piece)
82.05.147	GRAPHITE LINER 0,6-0,8mm - L.3m BRASS SPIRAL (1 piece)
82.05.150	GRAPHITE LINER 1,0-1,2mm - L.3m BRASS SPIRAL (1 piece)

Spare parts MB15AK



1) Gas nozzle (conical)

82.02.010	GAS NOZZLE (CONICAL) (10 pieces)
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2) Contact tip

82.01.004	CONTACT TIP D.0,6mm M6 D6 (10 pieces)
82.01.005	CONTACT TIP D.0,8mm M6 D6 (10 pieces)
82.01.006	CONTACT TIP D.0,9mm M6 D6 (10 pieces)
82.01.007	CONTACT TIP D.1,0mm M6 D6 (10 pieces)
82.01.009	CONTACT TIP D.0,8mm FOR ALUMINUM M6 D6 (10 pieces)
82.01.010	CONTACT TIP D.1,0mm FOR ALUMINUM M6 D6 (10 pieces)

3) Gas nozzle spring

82.08.010	GAS NOZZLE SPRING (20 pieces)
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4) 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)

Spare parts MB25AK - MB25DGMIG



Part No.	Description
	1) Gas nozzle (conical)
82.02.011	GAS NOZZLE (CONICAL) (10 pieces)
	2) Contact tip
82.01.013	CONTACT TIP D.0,8mm M6 D8 (10 pieces)
82.01.015	CONTACT TIP - E-Cu - D.1,0mm M6 D8 (10 pieces)
82.01.016	CONTACT TIP - E-Cu - D.1,2mm M6 D8 (10 pieces)
82.01.061	CONTACT TIP D.0,8mm M6 D8 (CuCrZr) (10 pieces)
82.01.019	CONTACT TIP D.1,0mm M6 D8 (CuCrZr) (10 pieces)
82.01.020	CONTACT TIP D.1,2mm M6 D8 (CuCrZr) (10 pieces)
82.01.051	CONTACT TIP D.0,8mm FOR ALUMINUM M6 D8 (10 pieces)
82.01.052	CONTACT TIP D.1,0mm FOR ALUMINUM M6 D8 (10 pieces)
82.01.053	CONTACT TIP D.1,2mm FOR ALUMINUM M6 D8 (10 pieces)
	3) Gas diffuser
82.03.002	GAS DIFFUSER (10 pieces)
	4) Gas nozzle spring
82.08.035	GAS NOZZLE SPRING (20 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)

Spare parts MB26KD



Part No.	Description
	1) Gas nozzle (conical)
82.02.012	GAS NOZZLE (CONICAL) (10 pieces)
	2) Contact tip
82.01.013	CONTACT TIP D.0,8mm M6 D8 (10 pieces)
82.01.015	CONTACT TIP - E-Cu - D.1,0mm M6 D8 (10 pieces)
82.01.016	CONTACT TIP - E-Cu - D.1,2mm M6 D8 (10 pieces)
82.01.061	CONTACT TIP D.0,8mm M6 D8 (CuCrZr) (10 pieces)
82.01.019	CONTACT TIP D.1,0mm M6 D8 (CuCrZr) (10 pieces)
82.01.020	CONTACT TIP D.1,2mm M6 D8 (CuCrZr) (10 pieces)
82.01.051	CONTACT TIP D.0,8mm FOR ALUMINUM M6 D8 (10 pieces)
82.01.052	CONTACT TIP D.1,0mm FOR ALUMINUM M6 D8 (10 pieces)
82.01.053	CONTACT TIP D.1,2mm FOR ALUMINUM M6 D8 (10 pieces)
	3) Tip holder - short
82.03.101	TIP HOLDER - SHORT - M6 (10 pieces)
	4) Isolated gas diffuser
82.03.003	ISOLATED GAS DIFFUSER (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)
82.05.144	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)

Spare parts MB36KD



Part No.	Description
	1) Gas nozzle (conical)
82.02.013	GAS NOZZLE (CONICAL) (10 pieces)
	2) Contact tip
82.01.022	CONTACT TIP D.0,8mm M8 D10 (10 pieces)
82.01.023	CONTACT TIP D1,0mm M8 D10 (10 pieces)
82.01.024	CONTACT TIP D1,2mm M8 D10 (10 pieces)
82.01.064	CONTACT TIP D1,4mm M8 D10 (10 pieces)
82.01.025	CONTACT TIP D1,6mm M8 D10 (10 pieces)
82.01.062	CONTACT TIP D.0,8mm M8 D10 (CuCrZr) (10 pieces)
82.01.028	CONTACT TIP D1,0mm M8 D10 (CuCrZr) (10 pieces)
82.01.029	CONTACT TIP D1,2mm M8 D10 (CuCrZr) (10 pieces)
82.01.030	CONTACT TIP D1,6mm M8 D10 (CuCrZr) (10 pieces)
82.01.055	CONTACT TIP - E-Cu for Al - D.0,8mm - M8 (10 pieces)
82.01.056	CONTACT TIP D1,0mm FOR ALUMINUM M8 D10 (10 pieces)
82.01.057	CONTACT TIP D1,2mm FOR ALUMINUM M8 D10 (10 pieces)
82.01.058	CONTACT TIP D1,6mm FOR ALUMINUM M8 D10 (10 pieces)
	3) Tip holder - short
82.03.111	TIP HOLDER - SHORT - M8 (10 pieces)
82.03.112	TIP HOLDER - LONG - M8 (10 pieces)
	4) Isolated gas diffuser
82.03.004	ISOLATED GAS DIFFUSER (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)
82.05.144	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)

Spare parts MB240D - MB240DGMIG



Part No.	Description
	1) Gas nozzle (conical)
82.02.037	GAS NOZZLE (CONICAL) (10 pieces)
	2) Contact tip
82.01.013	CONTACT TIP D.0,8mm M6 D8 (10 pieces)
82.01.015	CONTACT TIP - E-Cu - D.1,0mm M6 D8 (10 pieces)
82.01.016	CONTACT TIP - E-Cu - D.1,2mm M6 D8 (10 pieces)
82.01.061	CONTACT TIP D.0,8mm M6 D8 (CuCrZr) (10 pieces)
82.01.019	CONTACT TIP D.1,0mm M6 D8 (CuCrZr) (10 pieces)
82.01.020	CONTACT TIP D.1,2mm M6 D8 (CuCrZr) (10 pieces)
82.01.051	CONTACT TIP D.0,8mm FOR ALUMINUM M6 D8 (10 pieces)
82.01.052	CONTACT TIP D.1,0mm FOR ALUMINUM M6 D8 (10 pieces)
82.01.053	CONTACT TIP D.1,2mm FOR ALUMINUM M6 D8 (10 pieces)
	3) Isolated gas diffuser
82.03.010	ISOLATED GAS DIFFUSER (10 pieces)
	4) Tip holder - short
82.03.114	TIP HOLDER - M6 (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)

Spare parts MB501D - MB501DGMIG



Part No.	Description
	1) Gas nozzle (conical)
82.02.012	GAS NOZZLE (CONICAL) (10 pieces)
	2) Contact tip
82.01.022	CONTACT TIP D.0,8mm M8 D10 (10 pieces)
82.01.023	CONTACT TIP D1,0mm M8 D10 (10 pieces)
82.01.024	CONTACT TIP D1,2mm M8 D10 (10 pieces)
82.01.064	CONTACT TIP D1,4mm M8 D10 (10 pieces)
82.01.025	CONTACT TIP D1,6mm M8 D10 (10 pieces)
82.01.062	CONTACT TIP D.0,8mm M8 D10 (CuCrZr) (10 pieces)
82.01.028	CONTACT TIP D1,0mm M8 D10 (CuCrZr) (10 pieces)
82.01.029	CONTACT TIP D1,2mm M8 D10 (CuCrZr) (10 pieces)
82.01.030	CONTACT TIP D1,6mm M8 D10 (CuCrZr) (10 pieces)
82.01.055	CONTACT TIP - E-Cu for Al - D.0,8mm - M8 (10 pieces)
82.01.056	CONTACT TIP D1,0mm FOR ALUMINUM M8 D10 (10 pieces)
82.01.057	CONTACT TIP D1,2mm FOR ALUMINUM M8 D10 (10 pieces)
82.01.058	CONTACT TIP D1,6mm FOR ALUMINUM M8 D10 (10 pieces)
	3) Isolated gas diffuser
82.03.006	ISOLATED GAS DIFFUSER (10 pieces)
	4) 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)
	5) Plain washer
82.08.046	PLAIN WASHER (20 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)

Part No.	Description
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)

Spare parts ABIMIG W555D



Part No.	Description
	1) Gas nozzle (conical)
82.02.012	GAS NOZZLE (CONICAL) (10 pieces)
	2) Contact tip
82.01.022	CONTACT TIP D.0,8mm M8 D10 (10 pieces)
82.01.023	CONTACT TIP D1,0mm M8 D10 (10 pieces)
82.01.024	CONTACT TIP D1,2mm M8 D10 (10 pieces)
82.01.025	CONTACT TIP D1,6mm M8 D10 (10 pieces)
82.01.062	CONTACT TIP D.0,8mm M8 D10 (CuCrZr) (10 pieces)
82.01.028	CONTACT TIP D1,0mm M8 D10 (CuCrZr) (10 pieces)
82.01.029	CONTACT TIP D1,2mm M8 D10 (CuCrZr) (10 pieces)
82.01.030	CONTACT TIP D1,6mm M8 D10 (CuCrZr) (10 pieces)
82.01.055	CONTACT TIP - E-Cu for Al - D.0,8mm - M8 (10 pieces)
82.01.056	CONTACT TIP D1,0mm FOR ALUMINUM M8 D10 (10 pieces)
82.01.057	CONTACT TIP D1,2mm FOR ALUMINUM M8 D10 (10 pieces)
82.01.058	CONTACT TIP D1,6mm FOR ALUMINUM M8 D10 (10 pieces)
	3) Isolated gas diffuser
82.03.006	ISOLATED GAS DIFFUSER (10 pieces)
	4) Tip holder - short
82.03.113	TIP HOLDER - SHORT - M8 (10 pieces)
	5) Plain washer
82.08.046	PLAIN WASHER (20 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)
82.05.138	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)

Spare parts PP PLUS 401D



Part No.	Description
	1) Gas nozzle (conical)
82.02.012	GAS NOZZLE (CONICAL) (10 pieces)
	2) Contact tip
82.01.022	CONTACT TIP D.0,8mm M8 D10 (10 pieces)
82.01.023	CONTACT TIP D1,0mm M8 D10 (10 pieces)
82.01.024	CONTACT TIP D1,2mm M8 D10 (10 pieces)
82.01.025	CONTACT TIP D1,6mm M8 D10 (10 pieces)
82.01.028	CONTACT TIP D1,0mm M8 D10 (CuCrZr) (10 pieces)
82.01.029	CONTACT TIP D1,2mm M8 D10 (CuCrZr) (10 pieces)
82.01.030	CONTACT TIP D1,6mm M8 D10 (CuCrZr) (10 pieces)
82.01.055	CONTACT TIP - E-Cu for Al - D.0,8mm - M8 (10 pieces)
82.01.056	CONTACT TIP D1,0mm FOR ALUMINUM M8 D10 (10 pieces)
82.01.057	CONTACT TIP D1,2mm FOR ALUMINUM M8 D10 (10 pieces)
82.01.058	CONTACT TIP D1,6mm FOR ALUMINUM M8 D10 (10 pieces)
82.01.062	CONTACT TIP D.0,8mm M8 D10 (CuCrZr) (10 pieces)
	3) Isolated gas diffuser
82.03.006	ISOLATED GAS DIFFUSER (10 pieces)
	4) 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)
	5) Plain washer
82.08.046	PLAIN WASHER (20 pieces)
	6) 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)
	8) Push pull drive roll
82.08.113	PUSH PULL DRIVEROLL - D.0,8mm (1 piece)
82.08.114	PUSH PULL DRIVEROLL - D.0,9mm (1 piece)
82.08.115	PUSH PULL DRIVEROLL - D1,0mm (1 piece)
82.08.116	PUSH PULL DRIVEROLL - D1,2mm (1 piece)
82.08.117	PUSH PULL DRIVEROLL - D1,6mm (1 piece)

ST1700E

Gas

	X% DC	X% AC	Ømm	m	△Kg
ST 1700E	35% 170A	35% 140A	0,5-2,4mm	4/8m	—



Part No.	Description
81.32.063	TIG WELDING TORCH ST1700E - L.4m - AIR COOLED
81.32.064	TIG WELDING TORCH ST1700E - L.8m - AIR COOLED

Spare parts for TIG Torches

Compatible with

- | | | |
|-----------------|-----------------|---------|
| • ST1700 | • ST3000 | • SR17V |
| • ST1700U/D | • ST3000U/D | • SR26V |
| • ST1700DigiTig | • ST3000DigiTig | |
| • ST2200 | • ST4000 | |
| • ST2200U/D | • ST4000U/D | |
| • ST2200DigiTig | • ST4000DigiTig | |



Part No.	Description
	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) Insulating ring
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)

Part No.	Description
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 2.0

Technical features

- 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



Part No.	Description
79.RD.00099	WELDING PROCESS T.MAP RAPIDEEP 2.0

T.MAP RapiDeep 2.0 Cross reference

		T.MAP RAPIDEEP 2.0
G3/4 Si1 (ER70S-6) - Ø1.0mm - Ar18%CO2		●
G3/4 Si1 (ER70S-6) - Ø1.2mm - Ar18%CO2		●
G3/4 Si1 (ER70S-6) - Ø1.6mm - Ar18%CO2		●
G3/4 Si1 (ER70S-6) - Ø1.0mm - Ar8%CO2		●
G3/4 Si1 (ER70S-6) - Ø1.2mm - Ar8%CO2		●
G3/4 Si1 (ER70S-6) - Ø1.6mm - Ar8%CO2		●
CrNi 19 9 (ER308L) - Ø1.0mm - Ar2%CO2		●
CrNi 19 9 (ER308L) - Ø1.2mm - Ar2%CO2		●
CrNi 19 9 (ER308L) - Ø1.6mm - Ar2%CO2		●

● = Included

T.MAP Quickpulse 2.0

Technical features

- 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



Part No.	Description
79.QP.00099	WELDING PROCESS T.MAP QUICKPULSE 2.0

T.MAP Quickpulse 2.0 Cross reference

	T.MAP QUICKPULSE 2.0
G3/4 Si1 (ER70S-6) - Ø1.0mm - Ar18%CO2	●
G3/4 Si1 (ER70S-6) - Ø1.2mm - Ar18%CO2	●
G3/4 Si1 (ER70S-6) - Ø1.6mm - Ar18%CO2	●
G3/4 Si1 (ER70S-6) - Ø1.0mm - Ar8%CO2	●
G3/4 Si1 (ER70S-6) - Ø1.2mm - Ar8%CO2	●
G3/4 Si1 (ER70S-6) - Ø1.6mm - Ar8%CO2	●
CrNi 19 9 (ER308L) - Ø1.0mm - Ar2%CO2	●
CrNi 19 9 (ER308L) - Ø1.2mm - Ar2%CO2	●
CrNi 19 9 (ER308L) - Ø1.6mm - Ar2%CO2	●

● = Included

Böhler Welding Programs



- 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...



Part No.	Description
	Programmi disaldatura - MIG/MAG STANDARD
79.S1.00098	Welding Programs Package - MIG/MAG Standard - Unalloyed steel (basic flux cored wire)
	Welding Program MIG/MAG Standard - diamondspark 52 BC Ø1,2mm 82%Ar-18% CO2
79.S1.00097	Welding Programs Package - MIG/MAG Standard - Unalloyed steel (rutile flux cored wire)
	Welding Program MIG/MAG Standard - diamondspark 52 RC Ø1,2mm 82%Ar-18% CO2
	Welding Program MIG/MAG Standard - diamondspark 52 RC Ø1,2mm 100%CO2
79.S1.00096	Welding Programs Package - MIG/MAG Standard - Unalloyed steel (metal cored wire)
	Welding Program MIG/MAG Standard - diamondspark 52 MC Ø1,2mm 82%Ar-18% CO2
79.S1.00093	Welding Programs Package - MIG/MAG Standard - High alloyed steel (rutile flux cored wire)
	Welding Program MIG/MAG Standard - FOXcore 307 MC Ø1,2mm 98%Ar-2% CO2
	Welding Program MIG/MAG Standard - FOXcore 307 MC/S Ø1,2mm 98%Ar-2% CO2
	Welding Program MIG/MAG Standard - FOXcore 316 T0 Ø1,2mm 82%Ar- 18%CO2
	Welding Program MIG/MAG Standard - FOXcore 316 T0 Ø1,2mm 100%CO2
79.S1.00091	Welding Programs Package - MIG/MAG Standard - Nickel alloy (flux cored wire)
	Welding Program MIG/MAG Standard - FOXcore 625 T1 Ø1,2mm Ar-18%CO2
79.S1.00089	Welding Programs Package - MIG/MAG Standard - Aluminum alloy (solid wire)
	Welding Program MIG/MAG Standard - Union AlMg5 Ø1,2mm 100%Ar
	Programmi disaldatura - MIG/MAG PULSATO
79.P1.00098	Welding Programs Package - MIG/MAG Pulse - Unalloyed steel (basic flux cored wire)
	Welding Program MIG/MAG Pulse - diamondspark 52 BC Ø1,2mm 82%Ar-18%CO2
79.P1.00096	Welding Programs Package - MIG/MAG Pulse - Unalloyed steel (metal cored wire)
	Welding Program MIG/MAG Pulse - diamondspark 52 MC Ø1,2mm 82%Ar-18%CO2
79.P1.00093	Welding Programs Package - MIG/MAG Pulse - High alloyed steel (rutile flux cored wire)
	Welding Program MIG/MAG Pulse - FOXcore 307 MC Ø1,2mm 98%Ar-2% CO2
	Welding Program MIG/MAG Pulse - FOXcore 316 T0 Ø1,2mm 82%Ar- 18%CO2
79.P1.00092	Welding Programs Package - MIG/MAG Pulse - Nickel alloy (solid wire)
	Welding Program MIG/MAG Pulse - Nibas 625 IG Ø1,2mm Ar-2%CO2
79.P1.00091	Welding Programs Package - MIG/MAG Pulse - Nickel alloy (flux cored wire)
	Welding Program MIG/MAG Pulse - FOXcore 625 T1 Ø1,2mm Ar-18%CO2
79.P1.00089	Welding Programs Package - MIG/MAG Pulse - Aluminum alloy (solid wire)
	Welding Program MIG/MAG Pulse - Union AlMg5 Ø1,2mm 100%Ar
79.CP.00099	Welding Programs Package - MIG/MAG Pulse - Cladding (solid wire)
	Welding Program MIG/MAG Pulse - Nibas 625 IG Ø1,2mm 100%Ar

Böhler Welding Programs



- 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...



Part No.	Description
Programmi disaldatura - MIG/MAG STANDARD	
79.S1.02099	Welding Program MIG/MAG Standard - diamondspark 52 BC Ø1,2mm 82%Ar-18% CO2
79.S1.02499	Welding Program MIG/MAG Standard - diamondspark 52 RC Ø1,2mm 82%Ar-18% CO2
79.S1.02899	Welding Program MIG/MAG Standard - diamondspark 52 RC Ø1,2mm 100%CO2
79.S1.03299	Welding Program MIG/MAG Standard - diamondspark 52 MC Ø1,2mm 82%Ar-18% CO2
79.S1.14099	Welding Program MIG/MAG Standard - FOXcore 307 MC Ø1,2mm 98%Ar-2% CO2
79.S1.14098	Welding Program MIG/MAG Standard - FOXcore 307 MC/S Ø1,2mm 98%Ar-2% CO2
79.S1.08999	Welding Program MIG/MAG Standard - FOXcore 316 T0 Ø1,2mm 82%Ar- 18%CO2
79.S1.14299	Welding Program MIG/MAG Standard - FOXcore 316 T0 Ø1,2mm 100%CO2
79.S1.14499	Welding Program MIG/MAG Standard - FOXcore 625 T1 Ø1,2mm Ar-18%CO2
79.S1.10899	Welding Program MIG/MAG Standard - Union AlMg5 Ø1,2mm 100%Ar
Programmi disaldatura - MIG/MAG PULSATO	
79.P1.02099	Welding Program MIG/MAG Pulse - diamondspark 52 BC Ø1,2mm 82%Ar-18%CO2
79.P1.03299	Welding Program MIG/MAG Pulse - diamondspark 52 MC Ø1,2mm 82%Ar-18%CO2
79.P1.14099	Welding Program MIG/MAG Pulse - FOXcore 307 MC Ø1,2mm 98%Ar-2% CO2
79.P1.08999	Welding Program MIG/MAG Pulse - FOXcore 316 T0 Ø1,2mm 82%Ar- 18%CO2
79.P1.12099	Welding Program MIG/MAG Pulse - Nibas 625 IG Ø1,2mm Ar-2%CO2
79.P1.14499	Welding Program MIG/MAG Pulse - FOXcore 625 T1 Ø1,2mm Ar-18%CO2
79.P1.10899	Welding Program MIG/MAG Pulse - Union AlMg5 Ø1,2mm 100%Ar
79.CP12099	Welding Program MIG/MAG Pulse - Nibas 625 IG Ø1,2mm 100% Ar

Welding programs

Technical features

- Additional MIG/MAG welding programs
- Additional pulsed MIG/MAG welding programs



Part No.	Description
Welding programs - STANDARD MIG/MAG	
79.S1.001	Welding Program MIG/MAG Standard - G3/4 Si1 (ER70S) Ø0,6mm 100%CO2
79.S1.002	Welding Program MIG/MAG Standard - G3/4 Si1 (ER70S) Ø0,8mm 100%CO2
79.S1.003	Welding Program MIG/MAG Standard - G3/4 Si1 (ER70S) Ø1,0mm 100%CO2
79.S1.004	Welding Program MIG/MAG Standard - G3/4 Si1 (ER70S) Ø1,2mm 100%CO2
79.S1.005	Welding Program MIG/MAG Standard - G3/4 Si1 (ER70S) Ø1,6mm 100%CO2
79.S1.006	Welding Program MIG/MAG Standard - G3/4 Si1 (ER70S) Ø0,6mm 82%Ar-18%CO2
79.S1.007	Welding Program MIG/MAG Standard - G3/4 Si1 (ER70S) Ø0,8mm 82%Ar-18%CO2
79.S1.008	Welding Program MIG/MAG Standard - G3/4 Si1 (ER70S) Ø1,0mm 82%Ar-18%CO2
79.S1.009	Welding Program MIG/MAG Standard - G3/4 Si1 (ER70S) Ø1,2mm 82%Ar-18%CO2
79.S1.010	Welding Program MIG/MAG Standard - G3/4 Si1 (ER70S) Ø1,6mm 82%Ar-18%CO2
79.S1.011	Welding Program MIG/MAG Standard - G3/4 Si1 (ER70S) Ø0,6mm 92%Ar-8%CO2
79.S1.012	Welding Program MIG/MAG Standard - G3/4 Si1 (ER70S) Ø0,8mm 92%Ar-8%CO2
79.S1.013	Welding Program MIG/MAG Standard - G3/4 Si1 (ER70S) Ø1,0mm 92%Ar-8%CO2
79.S1.014	Welding Program MIG/MAG Standard - G3/4 Si1 (ER70S) Ø1,2mm 92%Ar-8%CO2
79.S1.015	Welding Program MIG/MAG Standard - G3/4 Si1 (ER70S) Ø1,6mm 92%Ar-8%CO2
79.S1.132	Welding Program MIG/MAG Standard - G 69 4 M (ER110S-G) Ø0,8mm 82%Ar-18% CO2
79.S1.124	Welding Program MIG/MAG Standard - G 69 4 M (ER110S-G) Ø1,0mm 82%Ar-18% CO2
79.S1.125	Welding Program MIG/MAG Standard - G 69 4 M (ER110S-G) Ø1,2mm 82%Ar-18% CO2
79.S1.131	Welding Program MIG/MAG Standard - G 69 4 M (ER110S-G) Ø0,8mm 92%Ar-8% CO2
79.S1.135	Welding Program MIG/MAG Standard - G 69 4 M (ER110S-G) Ø1,0mm 92%Ar-8% CO2
79.S1.136	Welding Program MIG/MAG Standard - G 69 4 M (ER110S-G) Ø1,2mm 92%Ar-8% CO2
79.S1.016	Welding Program MIG/MAG Standard - Hardfacing Ø1,0mm 82%Ar-18%CO2
79.S1.017	Welding Program MIG/MAG Standard - Hardfacing Ø1,2mm 82%Ar-18%CO2
79.S1.018	Welding Program MIG/MAG Standard - Hardfacing Ø1,6mm 82%Ar-18%CO2
79.S1.020	Welding Program MIG/MAG Standard - BFCW Ø1,2mm 82%Ar-18%CO2
79.S1.022	Welding Program MIG/MAG Standard - BFCW Ø1,6mm 82%Ar-18%CO2
79.S1.024	Welding Program MIG/MAG Standard - RFCW Ø1,2mm 82%Ar-18%CO2
79.S1.026	Welding Program MIG/MAG Standard - RFCW Ø1,6mm 82%Ar-18%CO2
79.S1.028	Welding Program MIG/MAG Standard - RFCW Ø1,2mm 100%CO2
79.S1.031	Welding Program MIG/MAG Standard - MFCW Ø1,0mm 82%Ar-18%CO2
79.S1.032	Welding Program MIG/MAG Standard - MFCW Ø1,2mm 82%Ar-18%CO2
79.S1.034	Welding Program MIG/MAG Standard - MFCW Ø1,6mm 82%Ar-18%CO2
79.S1.036	Welding Program MIG/MAG Standard - MFCW Ø1,2mm 100%CO2
79.S1.137	Welding Program MIG/MAG Standard - MCW Ø0,9mm No-Gas
79.S1.138	Welding Program MIG/MAG Standard - MCW Ø1,2mm No-Gas
79.S1.127	Welding Program MIG/MAG Standard - HardFacing G6 FCW (Stellite G6) Ø1,2mm 100%Ar
79.S1.128	Welding Program MIG/MAG Standard - HardFacing G6 FCW (Stellite G6) Ø1,6mm 100%Ar
79.S1.129	Welding Program MIG/MAG Standard - HardFacing G6 FCW (Stellite G6) Ø1,2mm 98%Ar-2%O2
79.S1.130	Welding Program MIG/MAG Standard - HardFacing G6 FCW (Stellite G6) Ø1,6mm 98%Ar-2%O2
79.S1.043	Welding Program MIG/MAG Standard - CrNi 13 4 (ER410) Ø1,2mm 98%Ar-2%CO2

Part No.	Description
79.S1.045	Welding Program MIG/MAG Standard - CrNi 18 8 (ER307) Ø0,8mm 98%Ar-2%CO2
79.S1.046	Welding Program MIG/MAG Standard - CrNi 18 8 (ER307) Ø1,0mm 98%Ar-2%CO2
79.S1.047	Welding Program MIG/MAG Standard - CrNi 18 8 (ER307) Ø1,2mm 98%Ar-2%CO2
79.S1.049	Welding Program MIG/MAG Standard - CrNi 19 9 (ER308L) Ø0,6mm 98%Ar-2% CO2
79.S1.050	Welding Program MIG/MAG Standard - CrNi 19 9 (ER308L) Ø0,8mm 98%Ar-2% CO2
79.S1.051	Welding Program MIG/MAG Standard - CrNi 19 9 (ER308L) Ø1,0mm 98%Ar-2% CO2
79.S1.052	Welding Program MIG/MAG Standard - CrNi 19 9 (ER308L) Ø1,2mm 98%Ar-2% CO2
79.S1.053	Welding Program MIG/MAG Standard - CrNi 19 9 (ER308L) Ø1,6mm 98%Ar-2% CO2
79.S1.054	Welding Program MIG/MAG Standard - CrNi 19 12 3 (ER316) Ø0,8mm 98%Ar-2% CO2
79.S1.055	Welding Program MIG/MAG Standard - CrNi 19 12 3 (ER316) Ø1,0mm 98%Ar-2% CO2
79.S1.056	Welding Program MIG/MAG Standard - CrNi 19 12 3 (ER316) Ø1,2mm 98%Ar-2% CO2
79.S1.057	Welding Program MIG/MAG Standard - CrNi 19 12 3 (ER316) Ø1,6mm 98%Ar-2% CO2
79.S1.058	Welding Program MIG/MAG Standard - CrNi 19 12 3 (ER316) Ø0,8mm 69%Ar- 30%He-1%O2
79.S1.059	Welding Program MIG/MAG Standard - CrNi 19 12 3 (ER316) Ø1,0mm 69%Ar- 30%He-1%O2
79.S1.060	Welding Program MIG/MAG Standard - CrNi 19 12 3 (ER316) Ø1,2mm 98%Ar- 30%He-1%O2
79.S1.061	Welding Program MIG/MAG Standard - CrNi 19 12 3 (ER316) Ø1,6mm 69%Ar-30% He-1%O2
79.S1.063	Welding Program MIG/MAG Standard - CrNi 22 09 (ER2209) Ø1,0mm 98%Ar-2% CO2
79.S1.064	Welding Program MIG/MAG Standard - CrNi 22 09 (ER2209) Ø1,2mm 98%Ar-2% CO2
79.S1.067	Welding Program MIG/MAG Standard - CrNi 23 12 (ER309) Ø1,0mm 98%Ar-2% CO2
79.S1.068	Welding Program MIG/MAG Standard - CrNi 23 12 (ER309) Ø1,2mm 98%Ar-2% CO2
79.S1.072	Welding Program MIG/MAG Standard - CrNi 25 09 (ER2509) Ø1,2mm 68%Ar-30% He-2%CO2
79.S1.074	Welding Program MIG/MAG Standard - CrNi 25 20 (ER310) Ø0,8mm 98%Ar-2% CO2
79.S1.075	Welding Program MIG/MAG Standard - CrNi 25 20 (ER310) Ø1,0mm 98%Ar-2% CO2
79.S1.076	Welding Program MIG/MAG Standard - CrNi 25 20 (ER310) Ø1,2mm 98%Ar-2% CO2
79.S1.079	Welding Program MIG/MAG Standard - CrNb 16 (ER430) Ø1,0mm 98%Ar-2%CO2
79.S1.083	Welding Program MIG/MAG Standard - FCW CrNi 13 4 (E410) Ø1,2mm 82%Ar- 18%CO2
79.S1.085	Welding Program MIG/MAG Standard - FCW CrNi 19 9 (E308L) Ø0,9mm 82%Ar- 18%CO2
79.S1.086	Welding Program MIG/MAG Standard - FCW CrNi 19 9 (E308L) Ø1,2mm 82%Ar- 18%CO2
79.S1.087	Welding Program MIG/MAG Standard - FCW CrNi 19 9 (E308L) Ø1,6mm 82%Ar- 18%CO2
79.S1.089	Welding Program MIG/MAG Standard - FCW CrNi 19 12 3 (E316L) Ø1,2mm 82% Ar-18%CO2
79.S1.133	Welding Program MIG/MAG Standard - HardFacing CrNi FCW (StainCarb W-0) Ø1,6mm - Self shielded
79.S1.134	Welding Program MIG/MAG Standard - HardFacing CrNi FCW (StainCarb W-0) Ø2,0mm - Self shielded
79.S1.094	Welding Program MIG/MAG Standard - CuAl8 Ø0,8mm 100%Ar
79.S1.095	Welding Program MIG/MAG Standard - CuAl8 Ø1,0mm 100%Ar
79.S1.096	Welding Program MIG/MAG Standard - CuAl8 Ø1,2mm 100%Ar
79.S1.097	Welding Program MIG/MAG Standard - CuAl8 Ø1,6mm 100%Ar
79.S1.098	Welding Program MIG/MAG Standard - CuSi3 Ø0,8mm 100%Ar
79.S1.099	Welding Program MIG/MAG Standard - CuSi3 Ø1,0mm 100%Ar
79.S1.100	Welding Program MIG/MAG Standard - CuSi3 Ø1,2mm 100%Ar
79.S1.102	Welding Program MIG/MAG Standard - CuSi3 Ø0,8mm 98%Ar-2%CO2
79.S1.103	Welding Program MIG/MAG Standard - CuSi3 Ø1,0mm 98%Ar-2%CO2
79.S1.106	Welding Program MIG/MAG Standard - AlMg5 Ø0,8mm 100%Ar
79.S1.107	Welding Program MIG/MAG Standard - AlMg5 Ø1,0mm 100%Ar
79.S1.108	Welding Program MIG/MAG Standard - AlMg5 Ø1,2mm 100%Ar
79.S1.109	Welding Program MIG/MAG Standard - AlMg5 Ø1,6mm 100%Ar
79.S1.110	Welding Program MIG/MAG Standard - AlSi5 Ø0,8mm 100%Ar
79.S1.111	Welding Program MIG/MAG Standard - AlSi5 Ø1,0mm 100%Ar
79.S1.112	Welding Program MIG/MAG Standard - AlSi5 Ø1,2mm 100%Ar
79.S1.113	Welding Program MIG/MAG Standard - AlSi5 Ø1,6mm 100%Ar
79.S1.114	Welding Program MIG/MAG Standard - Al99,5 Ø0,8mm 100%Ar
79.S1.115	Welding Program MIG/MAG Standard - Al99,5 Ø1,0mm 100%Ar
79.S1.116	Welding Program MIG/MAG Standard - Al99,5 Ø1,2mm 100%Ar
79.S1.117	Welding Program MIG/MAG Standard - Al99,5 Ø1,6mm 100%Ar

Part No.	Description
	Welding programs - PULSED MIG/MAG
79.P1.006	Welding Program MIG/MAG Pulse - G3/4 Si1 (ER70S) Ø0,6mm 82%Ar-18%CO2
79.P1.007	Welding Program MIG/MAG Pulse - G3/4 Si1 (ER70S) Ø0,8mm 82%Ar-18%CO2
79.P1.008	Welding Program MIG/MAG Pulse - G3/4 Si1 (ER70S) Ø1,0mm 82%Ar-18%CO2
79.P1.009	Welding Program MIG/MAG Pulse - G3/4 Si1 (ER70S) Ø1,2mm 82%Ar-18%CO2
79.P1.010	Welding Program MIG/MAG Pulse - G3/4 Si1 (ER70S) Ø1,6mm 82%Ar-18%CO2
79.P1.011	Welding Program MIG/MAG Pulse - G3/4 Si1 (ER70S) Ø0,6mm 92%Ar-8%CO2
79.P1.012	Welding Program MIG/MAG Pulse - G3/4 Si1 (ER70S) Ø0,8mm 92%Ar-8%CO2
79.P1.013	Welding Program MIG/MAG Pulse - G3/4 Si1 (ER70S) Ø1,0mm 92%Ar-8%CO2
79.P1.014	Welding Program MIG/MAG Pulse - G3/4 Si1 (ER70S) Ø1,2mm 92%Ar-8%CO2
79.P1.015	Welding Program MIG/MAG Pulse - G3/4 Si1 (ER70S) Ø1,6mm 92%Ar-8%CO2
79.P1.132	Welding Program MIG/MAG Pulse - G 69 4 M (ER110S-G) Ø0,8mm 82%Ar-18%CO2
79.P1.124	Welding Program MIG/MAG Pulse - G 69 4 M (ER110S-G) Ø1,0mm 82%Ar-18%CO2
79.P1.125	Welding Program MIG/MAG Pulse - G 69 4 M (ER110S-G) Ø1,2mm 82%Ar-18%CO2
79.P1.131	Welding Program MIG/MAG Pulse - G 69 4 M (ER110S-G) Ø0,8mm 92%Ar-8%CO2
79.P1.135	Welding Program MIG/MAG Pulse - G 69 4 M (ER110S-G) Ø1,0mm 92%Ar-8%CO2
79.P1.136	Welding Program MIG/MAG Pulse - G 69 4 M (ER110S-G) Ø1,2mm 92%Ar-8%CO2
79.P1.016	Welding Program MIG/MAG Pulse - Hardfacing Ø1,0mm 82%Ar-18%CO2
79.P1.017	Welding Program MIG/MAG Pulse - Hardfacing Ø1,2mm 82%Ar-18%CO2
79.P1.018	Welding Program MIG/MAG Pulse - Hardfacing Ø1,6mm 82%Ar-18%CO2
79.P1.020	Welding Program MIG/MAG Pulse - BFCW Ø1,2mm 82%Ar-18%CO2
79.P1.022	Welding Program MIG/MAG Pulse - BFCW Ø1,6mm 82%Ar-18%CO2
79.P1.024	Welding Program MIG/MAG Pulse - RFCW Ø1,2mm 82%Ar-18%CO2
79.P1.026	Welding Program MIG/MAG Pulse - RFCW Ø1,6mm 82%Ar-18%CO2
79.P1.032	Welding Program MIG/MAG Pulse - MFCW Ø1,2mm 82%Ar-18%CO2
79.P1.034	Welding Program MIG/MAG Pulse - MFCW Ø1,6mm 82%Ar-18%CO2
79.P1.127	Welding Program MIG/MAG Pulse - HardFacing G6 FCW (Stellite G6) Ø1,2mm 100%Ar
79.P1.128	Welding Program MIG/MAG Pulse - HardFacing G6 FCW (Stellite G6) Ø1,6mm 100%Ar
79.P1.129	Welding Program MIG/MAG Pulse - HardFacing G6 FCW (Stellite G6) Ø1,2mm 98%Ar-2%O2
79.P1.130	Welding Program MIG/MAG Pulse - HardFacing G6 FCW (Stellite G6) Ø1,6mm 98%Ar-2%O2
79.P1.043	Welding Program MIG/MAG Pulse - CrNi 13 4 (ER410) Ø1,2mm 98%Ar-2%CO2
79.P1.045	Welding Program MIG/MAG Pulse - CrNi 18 8 (ER307) Ø0,8mm 98%Ar-2%CO2
79.P1.046	Welding Program MIG/MAG Pulse - CrNi 18 8 (ER307) Ø1,0mm 98%Ar-2%CO2
79.P1.047	Welding Program MIG/MAG Pulse - CrNi 18 8 (ER307) Ø1,2mm 98%Ar-2%CO2
79.P1.139	Welding Program MIG/MAG Pulse - CrNi 18 8 (ER307) Ø1,0mm 82%Ar-18%CO2
79.P1.049	Welding Program MIG/MAG Pulse - CrNi 19 9 (ER308L) Ø0,6mm 98%Ar-2%CO2
79.P1.050	Welding Program MIG/MAG Pulse - CrNi 19 9 (ER308L) Ø0,8mm 98%Ar-2%CO2
79.P1.051	Welding Program MIG/MAG Pulse - CrNi 19 9 (ER308L) Ø1,0mm 98%Ar-2%CO2
79.P1.052	Welding Program MIG/MAG Pulse - CrNi 19 9 (ER308L) Ø1,2mm 98%Ar-2%CO2
79.P1.053	Welding Program MIG/MAG Pulse - CrNi 19 9 (ER308L) Ø1,6mm 98%Ar-2%CO2
79.P1.054	Welding Program MIG/MAG Pulse - CrNi 19 12 3 (ER316) Ø0,8mm 98%Ar-2%CO2
79.P1.055	Welding Program MIG/MAG Pulse - CrNi 19 12 3 (ER316) Ø1,0mm 98%Ar-2%CO2
79.P1.056	Welding Program MIG/MAG Pulse - CrNi 19 12 3 (ER316) Ø1,2mm 98%Ar-2%CO2
79.P1.057	Welding Program MIG/MAG Pulse - CrNi 19 12 3 (ER316) Ø1,6mm 98%Ar-2%CO2
79.P1.063	Welding Program MIG/MAG Pulse - CrNi 22 09 (ER2209) Ø1,0mm 98%Ar-2%CO2
79.P1.064	Welding Program MIG/MAG Pulse - CrNi 22 09 (ER2209) Ø1,2mm 98%Ar-2%CO2
79.P1.067	Welding Program MIG/MAG Pulse - CrNi 23 12 (ER309) Ø1,0mm 98%Ar-2%CO2
79.P1.068	Welding Program MIG/MAG Pulse - CrNi 23 12 (ER309) Ø1,2mm 98%Ar-2%CO2
79.P1.072	Welding Program MIG/MAG Pulse - CrNi 25 09 (ER2509) Ø1,2mm 68%Ar-30%He- 2%CO2
79.P1.074	Welding Program MIG/MAG Pulse - CrNi 25 20 (ER310) Ø0,8mm 98%Ar-2%CO2
79.P1.075	Welding Program MIG/MAG Pulse - CrNi 25 20 (ER310) Ø1,0mm 98%Ar-2%CO2
79.P1.076	Welding Program MIG/MAG Pulse - CrNi 25 20 (ER310) Ø1,2mm 98%Ar-2%CO2

Part No.	Description
79.P1.079	Welding Program MIG/MAG Pulse - CrNb 16 (ER430) Ø1,0mm 98%Ar-2%CO2
79.P1.083	Welding Program MIG/MAG Pulse - FCW CrNi 13 4 (E410) Ø1,2mm 82%Ar-18% CO2
79.P1.086	Welding Program MIG/MAG Pulse - FCW CrNi 19 9 (E308L) Ø1,2mm 82%Ar-18% CO2
79.P1.087	Welding Program MIG/MAG Pulse - FCW CrNi 19 9 (E308L) Ø1,6mm 82%Ar-18% CO2
79.P1.133	Welding Program MIG/MAG Pulse - HardFacing CrNi FCW (StainCarb W-0) Ø1,6mm - Self shielded
79.P1.134	Welding Program MIG/MAG Pulse - HardFacing CrNi FCW (StainCarb W-0) Ø2.0mm - Self shielded
79.P1.094	Welding Program MIG/MAG Pulse - CuAl8 Ø0,8mm 100%Ar
79.P1.095	Welding Program MIG/MAG Pulse - CuAl8 Ø1,0mm 100%Ar
79.P1.096	Welding Program MIG/MAG Pulse - CuAl8 Ø1,2mm 100%Ar
79.P1.097	Welding Program MIG/MAG Pulse - CuAl8 Ø1,6mm 100%Ar
79.P1.098	Welding Program MIG/MAG Pulse - CuSi3 Ø0,8mm 100%Ar
79.P1.099	Welding Program MIG/MAG Pulse - CuSi3 Ø1,0mm 100%Ar
79.P1.100	Welding Program MIG/MAG Pulse - CuSi3 Ø1,2mm 100%Ar
79.P1.106	Welding Program MIG/MAG Pulse - AlMg5 Ø0,8mm 100%Ar
79.P1.107	Welding Program MIG/MAG Pulse - AlMg5 Ø1,0mm 100%Ar
79.P1.108	Welding Program MIG/MAG Pulse - AlMg5 Ø1,2mm 100%Ar
79.P1.109	Welding Program MIG/MAG Pulse - AlMg5 Ø1,6mm 100%Ar
79.P1.110	Welding Program MIG/MAG Pulse - AlSi5 Ø0,8mm 100%Ar
79.P1.111	Welding Program MIG/MAG Pulse - AlSi5 Ø1,0mm 100%Ar
79.P1.112	Welding Program MIG/MAG Pulse - AlSi5 Ø1,2mm 100%Ar
79.P1.113	Welding Program MIG/MAG Pulse - AlSi5 Ø1,6mm 100%Ar
79.P1.114	Welding Program MIG/MAG Pulse - Al99,5 Ø0,8mm 100%Ar
79.P1.115	Welding Program MIG/MAG Pulse - Al99,5 Ø1,0mm 100%Ar
79.P1.116	Welding Program MIG/MAG Pulse - Al99,5 Ø1,2mm 100%Ar
79.P1.117	Welding Program MIG/MAG Pulse - Al99,5 Ø1,6mm 100%Ar
79.P1.119	Welding Program MIG/MAG Pulse - NiCr 9 Nb (NiCrMo3) Ø1,0mm 100%Ar
79.P1.120	Welding Program MIG/MAG Pulse - NiCr 9 Nb (NiCrMo3) Ø1,2mm 100%Ar
79.P1.121	Welding Program MIG/MAG Pulse - NiCr 9 Nb (NiCrMo3) Ø1,6mm 100%Ar
79.CP.056	Welding Program MIG/MAG Cladding Pulse - CrNi 19 12 3 (ER316) Ø1,2mm Ar- 2%CO2
79.CP.068	Welding Program MIG/MAG Cladding Pulse - CrNi 23 12 (ER309) Ø1,2mm Ar-2% CO2

Cross reference - T.MAP + MIG/MAG welding programs

	URANOS 2000 SMC	URANOS 2700 PMC	URANOS 3200 PME	URANOS 4000/5000 PME	URANOS 2700 MTE	URANOS 3200 GSM	TERRA 4000/5000 GSM	TERRA 320 SMC EXCLUSIVE	TERRA 320 MSE (WFRAPIDEEP STEEL)
T.MAP welding process									
T.MAP RapiDeep 2.0			○	○		○	○		●
WPS MIG/MAG Standard (EN1090)			○	○		○	○		
ADDITIONAL WELDING PROGRAMS									
G3/4 Si1 (ER70S-6) - Ø0.6mm - 100%CO2	●	●	○	○	●	○	○		
G3/4 Si1 (ER70S-6) - Ø0.8mm - 100%CO2	●	●	●	●	●	●	●	●	●
G3/4 Si1 (ER70S-6) - Ø1.0mm - 100%CO2	●	●	●	●	●	●	●	●	●
G3/4 Si1 (ER70S-6) - Ø1.2mm - 100%CO2		●	●	●	●	●	●	●	●
G3/4 Si1 (ER70S-6) - Ø1.6mm - 100%CO2				●			●		
G3/4 Si1 (ER70S-6) - Ø0.6mm - Ar18%CO2	●	●	○	○	●	○	○		
G3/4 Si1 (ER70S-6) - Ø0.8mm - Ar18%CO2	●	●	●	●	●	●	●	●	●
G3/4 Si1 (ER70S-6) - Ø1.0mm - Ar18%CO2	●	●	●	●	●	●	●	●	●
G3/4 Si1 (ER70S-6) - Ø1.2mm - Ar18%CO2		●	●	●	●	●	●	●	●
G3/4 Si1 (ER70S-6) - Ø1.6mm - Ar18%CO2				●			●		
G3/4 Si1 (ER70S-6) - Ø0.6mm - Ar8%CO2			○	○		○	○		
G3/4 Si1 (ER70S-6) - Ø0.8mm - Ar8%CO2	●		○	○		○	○		●
G3/4 Si1 (ER70S-6) - Ø1.0mm - Ar8%CO2	●		○	○		○	○		●
G3/4 Si1 (ER70S-6) - Ø1.2mm - Ar8%CO2			○	○		○	○		●
G3/4 Si1 (ER70S-6) - Ø1.6mm - Ar8%CO2				○			○		
G 69 4 M (ER110S) - Ø0.8mm - Ar18%CO2			○	○		○	○		
G 69 4 M (ER110S) - Ø1.0mm - Ar18%CO2			○	○		○	○		
G 69 4 M (ER110S) - Ø1.2mm - Ar18%CO2			○	○		○	○		
G 69 4 M (ER110S) - Ø0.8mm - Ar8%CO2			○	○		○	○		
G 69 4 M (ER110S) - Ø1.0mm - Ar8%CO2			○	○		○	○		
G 69 4 M (ER110S) - Ø1.2mm - Ar8%CO2			○	○		○	○		
Hardfacing - Ø1.0mm - Ar18%CO2			○	○		○	○		●
Hardfacing - Ø1.2mm - Ar18%CO2			○	○		○	○		●
Hardfacing - Ø1.6mm - Ar18%CO2				○			○		●
BFCW - Ø1.2mm - Ar18%CO2		●	●	●	●	●	●	●	●
BFCW - Ø1.6mm - Ar18%CO2			●	●		●	●	●	●
RFCW - Ø1.2mm - Ar18%CO2		●	●	●	●	●	●	●	●
RFCW - Ø1.6mm - Ar18%CO2			●	●		●	●	●	●
RFCW - Ø1.2mm - 100%CO2			○	○		○	○		●
MCW - Ø1.0mm - Ar18%CO2	●		○	○		○	○		●
MCW - Ø1.2mm - Ar18%CO2		●	●	●	●	●	●	●	●
MCW - Ø1.6mm - Ar18%CO2			●	●		●	●	●	●
MCW - Ø1.2mm - 100%CO2			○	○		○	○		●
MCW - Ø0.9mm - NO-GAS	●		○	○		○	○		●
MCW - Ø1.2mm - NO-GAS	●		○	○		○	○		●
Hardfacing G6 FCW Ø1.2mm Ar18%CO2			○	○		○	○		●
Hardfacing G6 FCW Ø1.6mm Ar18%CO2				○			○		●
Hardfacing G6 FCW Ø1.2mm 100%Ar			○	○		○	○		
Hardfacing G6 FCW Ø1.6mm 100%Ar				○			○		
Hardfacing G6 FCW Ø1.2mm Ar2%O2			○	○		○	○		
Hardfacing G6 FCW Ø1.6mm Ar2%O2				○			○		
CrNi 18 8 (ER307) - Ø0.8mm - Ar2%CO2			○	○		○	○		
CrNi 18 8 (ER307) - Ø1.0mm - Ar2%CO2			○	○		○	○		
CrNi 18 8 (ER307) - Ø1.2mm - Ar2%CO2			○	○		○	○		
CrNi 19 9 (ER308L) - Ø0.6mm - Ar2%CO2	●	●	○	○	●	○	○		

●=Included ○=Optional

Cross reference - T.MAP + MIG/MAG welding programs

	URANOS 2000 SMC	URANOS 2700 PMC	URANOS 3200 PME	URANOS 4000/5000 PME	URANOS 2700 MTE	URANOS 3200 GSM	TERRA 4000/5000 GSM	TERRA 320 SMC EXCLUSIVE	TERRA 320 MSE (WFRAPIDEEP STEEL)
CrNi 19 9 (ER308L) - Ø0.8mm - Ar2%CO2	●	●	●	●	●	●	●	●	●
CrNi 19 9 (ER308L) - Ø1.0mm - Ar2%CO2	●	●	●	●	●	●	●	●	●
CrNi 19 9 (ER308L) - Ø1.2mm - Ar2%CO2		●	●	●	●	●	●	●	●
CrNi 19 9 (ER308L) - Ø1.6mm - Ar2%CO2				●			●		
CrNi 23 12 (ER309) - Ø1.0mm - Ar2%CO2			○	○		○	○		
CrNi 23 12 (ER309) - Ø1.2mm - Ar2%CO2			○	○		○	○		
CrNi 25 20 (ER310) - Ø0.8mm - Ar2%CO2			○	○		○	○		
CrNi 25 20 (ER310) - Ø1.0mm - Ar2%CO2			○	○		○	○		
CrNi 25 20 (ER310) - Ø1.2mm - Ar2%CO2			○	○		○	○		
CrNi 19 12 3 (ER316L) - Ø0.8mm - Ar2%CO2			○	○		○	○		
CrNi 19 12 3 (ER316L) - Ø1.0mm - Ar2%CO2			○	○		○	○		
CrNi 19 12 3 (ER316L) - Ø1.2mm - Ar2%CO2			○	○		○	○		
CrNi 19 12 3 (ER316L) - Ø1.6mm - Ar2%CO2				○			○		
CrNi 19 12 3 (ER316L) - Ø0.8mm - Ar30%He1%O2			○	○		○	○		
CrNi 19 12 3 (ER316L) - Ø1.0mm - Ar30%He1%O2			○	○		○	○		
CrNi 19 12 3 (ER316L) - Ø1.2mm - Ar30%He1%O2			○	○		○	○		
CrNi 19 12 3 (ER316L) - Ø1.6mm - Ar30%He1%O2				○			○		
CrNi 22 09 3 (ER2209) - Ø1.0mm - Ar2%CO2			○	○		○	○		
CrNi 22 09 3 (ER2209) - Ø1.2mm - Ar2%CO2			○	○		○	○		
CrNi 25 9 (ER2509) - Ø1.2mm - Ar30%He2%CO2			○	○		○	○		
CrNi 13 4 (ER410) Ø1.2mm Ar2%CO2			○	○		○	○		
CrNb 16 (ER430) - Ø1.0mm - Ar2%CO2			○	○		○	○		
CrNi FCW - Ø0.9mm - Ar18%CO2	●		○	○		○	○		
CrNi 19 9 FCW (E308L) - Ø1.2mm - Ar18%CO2		●	●	●	●	●	●	●	
CrNi 19 9 FCW (E308L) - Ø1.6mm - Ar18%CO2			●	●		●	●	●	
CrNi 19 12 3 FCW (E316L) - Ø1.2mm - Ar18%CO2			○	○		○	○		
CrNi 13 4 FCW (E410) - Ø1.2mm - Ar18%CO2			○	○		○	○		
Hardfacing CrNi FCW - Ø1.6mm				○			○		
Hardfacing CrNi FCW - Ø2.0mm				○			○		
CuAl8 - Ø0.8mm - Ar100%		●	●	●	●	●	●	●	
CuAl8 - Ø1.0mm - Ar100%		●	●	●	●	●	●	●	
CuAl8 - Ø1.2mm - Ar100%		●	●	●	●	●	●	●	
CuAl8 - Ø1.6mm - Ar100%				●			●		
CuSi3 - Ø0.8mm - Ar100%	●	●	●	●	●	●	●	●	
CuSi3 - Ø1.0mm - Ar100%	●	●	●	●	●	●	●	●	
CuSi3 - Ø1.2mm - Ar100%		●	●	●	●	●	●	●	
CuSi3 - Ø0.8mm - Ar2%CO2			○	○		○	○		
CuSi3 - Ø1.0mm - Ar2%CO2			○	○		○	○		
AlMg5 - Ø0.8mm - Ar100%	●	●	●	●	●	●	●	●	
AlMg5 - Ø1.0mm - Ar100%	●	●	●	●	●	●	●	●	
AlMg5 - Ø1.2mm - Ar100%		●	●	●	●	●	●	●	
AlMg5 - Ø1.6mm - Ar100%				●			●		
AlSi5 - Ø0.8mm - Ar100%		●	●	●	●	●	●	●	
AlSi5 - Ø1.0mm - Ar100%		●	●	●	●	●	●	●	
AlSi5 - Ø1.2mm - Ar100%		●	●	●	●	●	●	●	
AlSi5 - Ø1.6mm - Ar100%				●			●		
Al99.5 - Ø0.8mm - Ar100%		●	●	●	●	●	●	●	
Al99.5 - Ø1.0mm - Ar100%		●	●	●	●	●	●	●	
Al99.5 - Ø1.2mm - Ar100%		●	●	●	●	●	●	●	
Al99.5 - Ø1.6mm - Ar100%				●			●		

●=Included ○=Optional

Cross reference - T.MAP + MIG/MAG welding programs

	URANOS 2700 PMC	URANOS 3200 PME	URANOS 4000/5000 PME	URANOS 2700 MTE	URANOS 3200 GSM	URANOS 4000/5000 GSM
T.MAP welding process						
T.MAP RapiDeep 2.0		○	○		○	○
T.MAP Quickpulse 2.0		○	○		○	○
WPS MIG/MAG Standard (EN1090)		○	○		○	○
WPS (EN1090) - Pulsed MIG welding process		○	○		○	○
ADDITIONAL WELDING PROGRAMS						
G3/4 Si1 (ER70S-6) - Ø0.6mm - Ar18%CO2	●	○	○	●	○	○
G3/4 Si1 (ER70S-6) - Ø0.8mm - Ar18%CO2	●	●	●	●	●	●
G3/4 Si1 (ER70S-6) - Ø1.0mm - Ar18%CO2	●	●	●	●	●	●
G3/4 Si1 (ER70S-6) - Ø1.2mm - Ar18%CO2	●	●	●	●	●	●
G3/4 Si1 (ER70S-6) - Ø1.6mm - Ar18%CO2			●			●
G3/4 Si1 (ER70S-6) - Ø0.6mm - Ar8%CO2		○	○		○	○
G3/4 Si1 (ER70S-6) - Ø0.8mm - Ar8%CO2		○	○		○	○
G3/4 Si1 (ER70S-6) - Ø1.0mm - Ar8%CO2		○	○		○	○
G3/4 Si1 (ER70S-6) - Ø1.2mm - Ar8%CO2		○	○		○	○
G3/4 Si1 (ER70S-6) - Ø1.6mm - Ar8%CO2			○			○
G 69 4 M (ER110S) - Ø0.8mm - Ar18%CO2		○	○		○	○
G 69 4 M (ER110S) - Ø1.0mm - Ar18%CO2		○	○		○	○
G 69 4 M (ER110S) - Ø1.2mm - Ar18%CO2		○	○		○	○
G 69 4 M (ER110S) - Ø0.8mm - Ar8%CO2		○	○		○	○
G 69 4 M (ER110S) - Ø1.0mm - Ar8%CO2		○	○		○	○
G 69 4 M (ER110S) - Ø1.2mm - Ar8%CO2		○	○		○	○
Hardfacing - Ø1.0mm - Ar18%CO2		○	○		○	○
Hardfacing - Ø1.2mm - Ar18%CO2		○	○		○	○
Hardfacing - Ø1.6mm - Ar18%CO2			○			○
BFCW - Ø1.2mm - Ar18%CO2	●	●	●	●	●	●
BFCW - Ø1.6mm - Ar18%CO2		●	●		●	●
RFCW - Ø1.2mm - Ar18%CO2	●	●	●	●	●	●
RFCW - Ø1.6mm - Ar18%CO2		●	●		●	●
MFCW - Ø1.2mm - Ar18%CO2	●	●	●	●	●	●
MFCW - Ø1.6mm - Ar18%CO2		●	●		●	●
Hardfacing G6 FCW - Ø1.2mm - Ar2%O2		○	○		○	○
Hardfacing G6 FCW - Ø1.6mm - Ar2%O2			○			○
Hardfacing G6 FCW - Ø1.2mm - Ar100%		○	○		○	○
Hardfacing G6 FCW - Ø1.6mm - Ar100%			○			○
CrNi 18 8 (ER307) - Ø0.8mm - Ar2%CO2		○	○		○	○
CrNi 18 8 (ER307) - Ø1.0mm - Ar2%CO2		○	○		○	○
CrNi 18 8 (ER307) - Ø1.2mm - Ar2%CO2		○	○		○	○
CrNi 18 8 (ER307) - Ø1.0mm - Ar18%CO2		○	○		○	○
CrNi 19 9 (ER308L) - Ø0.6mm - Ar2%CO2	●	○	○	●	○	○
CrNi 19 9 (ER308L) - Ø0.8mm - Ar2%CO2	●	●	●	●	●	●
CrNi 19 9 (ER308L) - Ø1.0mm - Ar2%CO2	●	●	●	●	●	●
CrNi 19 9 (ER308L) - Ø1.2mm - Ar2%CO2	●	●	●	●	●	●
CrNi 19 9 (ER308L) - Ø1.6mm - Ar2%CO2			●			●
CrNi 23 12 (ER309) - Ø1.0mm - Ar2%CO2		○	○		○	○
CrNi 23 12 (ER309) - Ø1.2mm - Ar2%CO2		○	○		○	○
CrNi 25 20 (ER310) - Ø0.8mm - Ar2%CO2		○	○		○	○
CrNi 19 12 3 (ER316) Ø1,2mm Ar- 2%CO2 - Cladding		○	○		○	○
CrNi 23 12 (ER309) Ø1,2mm Ar-2% CO2 - Cladding		○	○		○	○

● = Included ○ = Optional

Cross reference - T.MAP + MIG/MAG welding programs

	URANOS 2700PMC	URANOS 3200PME	URANOS 4000/5000PME	URANOS 2700 MTE	URANOS 3200GSM	URANOS 4000/5000GSM
CrNi 25 20 (ER310) - Ø1.0mm - Ar2%CO2		○	○		○	○
CrNi 25 20 (ER310) - Ø1.2mm - Ar2%CO2		○	○		○	○
CrNi 19 12 3 (ER316L) - Ø0.8mm - Ar2%CO2		○	○		○	○
CrNi 19 12 3 (ER316L) - Ø1.0mm - Ar2%CO2		○	○		○	○
CrNi 19 12 3 (ER316L) - Ø1.2mm - Ar2%CO2		○	○		○	○
CrNi 19 12 3 (ER316L) - Ø1.6mm - Ar2%CO2			○			○
CrNi 22 09 3 (ER2209) - Ø1.0mm - Ar2%CO2		○	○		○	○
CrNi 22 09 3 (ER2209) - Ø1.2mm - Ar2%CO2		○	○		○	○
CrNi 25 9 (ER2509) - Ø1.2mm - Ar30%He2%CO2		○	○		○	○
CrNi 13 4 (ER410) Ø1.2mm Ar2%CO2		○	○		○	○
CrNb 16 (ER430) - Ø1.0mm - Ar2%CO2		○	○		○	○
CrNi 19 9 FCW (E308L) - Ø1.2mm - Ar18%CO2	●	●	●	●	●	●
CrNi 19 9 FCW (E308L) - Ø1.6mm - Ar18%CO2		●	●		●	●
CrNi 13 4 FCW (E410) - Ø1.2mm - Ar18%CO2		○	○		○	○
Hardfacing CrNi FCW - Ø1.6mm		○	○		○	○
Hardfacing CrNi FCW - Ø2.0mm		○	○		○	○
CuAl8 - Ø0.8mm - Ar100%	●	●	●	●	●	●
CuAl8 - Ø1.0mm - Ar100%	●	●	●	●	●	●
CuAl8 - Ø1.2mm - Ar100%	●	●	●	●	●	●
CuAl8 - Ø1.6mm - Ar100%			●			●
CuSi3 - Ø0.8mm - Ar100%	●	●	●	●	●	●
CuSi3 - Ø1.0mm - Ar100%	●	●	●	●	●	●
CuSi3 - Ø1.2mm - Ar100%	●	●	●	●	●	●
AlMg5 - Ø0.8mm - Ar100%	●	●	●	●	●	●
AlMg5 - Ø1.0mm - Ar100%	●	●	●	●	●	●
AlMg5 - Ø1.2mm - Ar100%	●	●	●	●	●	●
AlMg5 - Ø1.6mm - Ar100%			●			●
AlSi5 - Ø0.8mm - Ar100%	●	●	●	●	●	●
AlSi5 - Ø1.0mm - Ar100%	●	●	●	●	●	●
AlSi5 - Ø1.2mm - Ar100%	●	●	●	●	●	●
AlSi5 - Ø1.6mm - Ar100%			●			●
Al99.5 - Ø0.8mm - Ar100%	●	●	●	●	●	●
Al99.5 - Ø1.2mm - Ar100%	●	●	●	●	●	●
Al99.5 - Ø1.2mm - Ar100%	●	●	●	●	●	●
Al99.5 - Ø1.6mm - Ar100%			●			●
NiCr 22 Mo 9 Nb (ER NiCr Mo-3) - Ø1.0mm - Ar100%		○	○		○	○
NiCr 22 Mo 9 Nb (ER NiCr Mo-3) - Ø1.2mm - Ar100%		○	○		○	○
NiCr 22 Mo 9 Nb (ER NiCr Mo-3) - Ø1.6mm - Ar100%		○	○		○	○
CrNi 19 12 3 (ER316) Ø1,2mm Ar- 2%CO2 - Cladding		○	○		○	○
CrNi 23 12 (ER309) Ø1,2mm Ar-2% CO2 - Cladding		○	○		○	○

●=Included ○=Optional

WPS Welding Procedure Specification

Technical features

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



Part No.	Description
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	EN1090 PULSE 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	●	

● = Included

	EN1090 STANDARD WPS	EN1090 PULSE WPS
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	●	
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		●

● = Included

Welding process	Materials
- MMA (Electrode) - TIG DC Lift and HF start	- Carbon steels - Stainless steels - Nickel and nickel alloys - Copper and copper alloys - Titanium and titanium alloys - Cast irons

Applications

- | | |
|---|---|
| <ul style="list-style-type: none"> Light job shop fabrication Boiler and tank construction Building sites Shipyards Automobile industry Motorcycle industry Cycle industry Nuclear industry | <ul style="list-style-type: none"> Military industry Aeronautics and Aerospace industry Food industry Chemical industry Repair and overhaul Repair and overhaul Vehicle bodywork repair Workshops |
|---|---|



Technical features

- | | |
|---|--|
| <ul style="list-style-type: none"> Green@wave 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 Totally programmable user interface 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) 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 User-defined welding program storage capability (64 free memory locations) Power source trolley for easy system manoeuvrability Forgiving arc for a low noise welding operations Linear controlled fan on demand Current socket (panel) 50/70mm² Digital TIG torch compatible Remote control compatible Selco WU cooling unit compatible Controlled cooling operations |
|---|--|

Power source

			P	X%	P.F.	I ₂	U ₀	IP		mm l x w x h		Kg
URANOS 2200 TLH	1x230V TIG	16A	4,8kVA 4,8kW	40°C 35% 220A 40°C 60% 190A 40°C 100% 165A 25°C 80% 220A 25°C 100% 210A	0,99	3-220A	65V	23S		500x190x400mm		14,3kg
	1x230V MMA	16A	5,7kVA 5,7kW	40°C 40% 180A 40°C 60% 165A 40°C 100% 140A 25°C 90% 180A 25°C 100% 170A	0,99	3-180A	65V	23S		500x190x400mm		14,3kg
	1x115V TIG	20A	3,1kVA 3,0kW	40°C 40% 160A 40°C 60% 145A 40°C 100% 120A 25°C 100% 160A	0,99	3-160A	65V	23S		500x190x400mm		14,3kg
	1x115V MMA	20A	3,2kVA 3,1kW	40°C 60% 110A 40°C 100% 100A 25°C 100% 110A	0,99	3-110A	65V	23S		500x190x400mm		14,3kg

Cooling unit

		P		IP		mm l x w x h		Kg
WU 1000	48Vdc	0,6kW	2,0l	23S		480x190x180		8,8 kg

Part No.	Description
	URANOS 2200 TLH - TIG welding configuration - Gas
55.07.039	URANOS 2200 TLH EASYARC 1x115V-1x230V
81.32.158	TIG WELDING TORCH ST2200 U/D - L.4m -AIR COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m
	Total
	Power source
55.07.039	URANOS 2200 TLH EASYARC 1x115V-1x230V
	Cooling unit
71.03.075	COOLING UNIT WU1000
18.91.001	COOLANT CU10 (10kg)
	Remote control unit
71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.197	REMOTE CONTROL UNIT RC 120 - L.6m - FOOT
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
	Torch
81.32.458	TIG WELDING TORCH ST1500 - L.4m - AIR COOLED
81.32.459	TIG WELDING TORCH ST1500 - L.8m - AIR COOLED
81.32.461	TIG WELDING TORCH ST1500 U/D - L.4m - AIR COOLED
81.32.462	TIG WELDING TORCH ST1500 U/D - L.8m - AIR COOLED
81.32.463	TIG WELDING TORCH ST1500 DIGITIG - L.4m - AIR COOLED
81.32.464	TIG WELDING TORCH ST1500 DIGITIG - L.8m - AIR COOLED
81.32.061	TIG WELDING TORCH ST1700 - L.4m - AIR COOLED
81.32.062	TIG WELDING TORCH ST1700 - L.8m - AIR COOLED
81.32.060	TIG WELDING TORCH ST1700 U/D - L.4m - AIR COOLED
81.32.065	TIG WELDING TORCH ST1700 U/D - L.8m - AIR COOLED
81.32.066	TIG WELDING TORCH ST1700 DIGITIG - L.4m - AIR COOLED
81.32.067	TIG WELDING TORCH ST1700 DIGITIG - L.8m - AIR COOLED
81.32.159	TIG WELDING TORCH ST2200 - L.4m - AIR COOLED
81.32.160	TIG WELDING TORCH ST2200 - L.8m - AIR COOLED
81.32.158	TIG WELDING TORCH ST2200 U/D - L.4m -AIR COOLED
81.32.161	TIG WELDING TORCH ST2200 U/D - L.8m -AIR COOLED
81.32.157	TIG WELDING TORCH ST2200 DIGITIG - L.4m - AIR COOLED
81.32.162	TIG WELDING TORCH ST2200 DIGITIG - L.8m - AIR COOLED
81.32.357	TIG WELDING TORCH ST2500 - L.4m - LIQUID COOLED
81.32.358	TIG WELDING TORCH ST2500 - L.8m - LIQUID COOLED
81.32.359	TIG WELDING TORCH ST2500 U/D - L.4m - LIQUID COOLED
81.32.360	TIG WELDING TORCH ST2500 U/D - L.8m - LIQUID COOLED
81.32.361	TIG WELDING TORCH ST2500 DIGITIG - L.4m - LIQUID COOLED
81.32.362	TIG WELDING TORCH ST2500 DIGITIG - L.8m - LIQUID COOLED
81.32.559	TIG WELDING TORCH ST3000 - L.4m - LIQUID COOLED
81.32.560	TIG WELDING TORCH ST3000 - L.8m - LIQUID COOLED
81.32.558	TIG WELDING TORCH ST3000 U/D - L.4m - LIQUID COOLED
81.32.561	TIG WELDING TORCH ST3000 U/D - L.8m - LIQUID COOLED
81.32.557	TIG WELDING TORCH ST3000 DIGITIG - L.4m - LIQUID COOLED
81.32.562	TIG WELDING TORCH ST3000 DIGITIG - L.8m - LIQUID COOLED
81.32.259	TIG WELDING TORCH ST4000 - L.4m - LIQUID COOLED
81.32.260	TIG WELDING TORCH ST4000 - L.8m - LIQUID COOLED
81.32.258	TIG WELDING TORCH ST4000 U/D - L.4m - LIQUID COOLED
81.32.261	TIG WELDING TORCH ST4000 U/D - L.8m - LIQUID COOLED
81.32.257	TIG WELDING TORCH ST4000 DIGITIG - L.4m - LIQUID COOLED
81.32.262	TIG WELDING TORCH ST4000 DIGITIG - L.8m - LIQUID COOLED

Part No.	Description
	Stick electrode holder
71.04.003	STICK ELECTRODE HOLDER - 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
71.03.083	POWER SOURCE TROLLEY GT 300
	Other
73.12.019	TIG TORCH CONNECTORS KIT



Welding process

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

Materials

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

Applications

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



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
- 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) 50/70mm²
- Selco Up/Down torch compatible (welding current adjustment)
- Remote control compatible

Power source

			P	X%			P.F.	I ₂	U ₀	IP	mm l x w x h	Kg
TERRA 180 TLH	1x230V TIG	16A	8,5kVA 5,9kW	40°C 40°C 40°C 25°C	45% 60% 100% 100%	170A 160A 140A 160A	0,70	3-170A	106V	23S	410x150x330mm	8,4kg
	1x230V MMA	16A	8,5kVA 5,9kW	40°C 40°C 40°C 25°C	35% 60% 100% 100%	170A 150A 120A 150A	0,70	3-170A	80V	23S	410x150x330mm	8,4kg

Part No.	Description
	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
	Total

Part No.	Description
ACCESSORIES	
Power source	
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
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
	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)
	TERRA 180 TLH WITH ST 1700 TIG TORCH - L.4m (3 pieces)
	TERRA 180 TLH WITH ST 1700 TIG TORCH - L.4m (3 pieces)
Remote control unit	
71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.197	REMOTE CONTROL UNIT RC 120 - L.6m - FOOT
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
Torch	
81.32.458	TIG WELDING TORCH ST1500 - L.4m - AIR COOLED
81.32.459	TIG WELDING TORCH ST1500 - L.8m - AIR COOLED
81.32.461	TIG WELDING TORCH ST1500 U/D - L.4m - AIR COOLED
81.32.462	TIG WELDING TORCH ST1500 U/D - L.8m - AIR COOLED
81.32.061	TIG WELDING TORCH ST1700 - L.4m - AIR COOLED
81.32.062	TIG WELDING TORCH ST1700 - L.8m - AIR COOLED
81.32.060	TIG WELDING TORCH ST1700 U/D - L.4m - AIR COOLED
81.32.065	TIG WELDING TORCH ST1700 U/D - L.8m - AIR COOLED
81.32.159	TIG WELDING TORCH ST2200 - L.4m - AIR COOLED
81.32.160	TIG WELDING TORCH ST2200 - L.8m - AIR COOLED
81.32.158	TIG WELDING TORCH ST2200 U/D - L.4m - AIR COOLED
81.32.161	TIG WELDING TORCH ST2200 U/D - L.8m - AIR COOLED
Stick electrode holder	
71.04.005	STICK ELECTRODE HOLDER - 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 (URANOS 1800 TLH - TERRA 180 TLH)
Other	
73.12.019	TIG TORCH CONNECTORS KIT



Welding process

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

Materials

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

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
- Repair and overhaul
- Repair and overhaul
- Vehicle bodywork repair
- Workshops



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
- 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
- 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
- HF mode arc striking
- Manual restart or downslope stop functions
- Bi-Level operating mode
- Pulsed and fast pulsed operating mode (2500Hz)
- Easy joining
- Current socket (panel) 50/70mm²
- Selco Up/Down torch compatible (welding current adjustment)
- Remote control compatible
- Selco WU cooling unit compatible
- Controlled cooling operations

Power source

			P	X%	P.F.	I ₂	U _o	IP	mm l x w x h	Kg
TERRA 270 TLH	3x400V TIG	16A	14,0kVA 9,7kW	40°C 60% 270A 40°C 100% 250A 25°C 100% 270A	0,70	3-270A	70V	23S	500x190x400mm	16,1kg
	3x400V MMA	16A	14,0kVA 9,7kW	40°C 40% 270A 40°C 60% 255A 40°C 100% 240A 25°C 100% 270A	0,70	3-270A	70V	23S	500x190x400mm	16,1kg

Cooling unit

		P		IP	mm l x w x h	Kg
WU 130	48Vdc	0,7kW	2,0l	23S	480x190x180	8,8 kg

Part No.	Description
	TERRA 270 TLH - TIG welding configuration - Gas
55.17.007	TERRA 270 TLH 3X400V
81.32.158	TIG WELDING TORCH ST2200 U/D - L.4m - AIR COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m
	Total

Part No.	Description
	TERRA 270 TLH - TIG welding configuration- Water
55.17.007	TERRA 270 TLH 3X400V
71.03.070	COOLING UNIT WU130
81.32.558	TIG WELDING TORCH ST3000 U/D - L.4m - LIQUID COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m
	Total

ACCESSORIES

	Power source
55.17.007	TERRA 270 TLH 3X400V
	Cooling unit
71.03.070	COOLING UNIT WU130
71.03.07001	COOLING UNIT WU130 WITH PRESSURE SWITCH
18.91.001	COOLANT CU10 (10kg)
	Remote control unit
71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.197	REMOTE CONTROL UNIT RC 120 - L.6m - FOOT
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
	Torch
81.32.458	TIG WELDING TORCH ST1500 - L.4m - AIR COOLED
81.32.459	TIG WELDING TORCH ST1500 - L.8m - AIR COOLED
81.32.461	TIG WELDING TORCH ST1500 U/D - L.4m - AIR COOLED
81.32.462	TIG WELDING TORCH ST1500 U/D - L.8m - AIR COOLED
81.32.061	TIG WELDING TORCH ST1700 - L.4m - AIR COOLED
81.32.062	TIG WELDING TORCH ST1700 - L.8m - AIR COOLED
81.32.060	TIG WELDING TORCH ST1700 U/D - L.4m - AIR COOLED
81.32.065	TIG WELDING TORCH ST1700 U/D - L.8m - AIR COOLED
81.32.159	TIG WELDING TORCH ST2200 - L.4m - AIR COOLED
81.32.160	TIG WELDING TORCH ST2200 - L.8m - AIR COOLED
81.32.158	TIG WELDING TORCH ST2200 U/D - L.4m - AIR COOLED
81.32.161	TIG WELDING TORCH ST2200 U/D - L.8m - AIR COOLED
81.32.357	TIG WELDING TORCH ST2500 - L.4m - LIQUID COOLED
81.32.358	TIG WELDING TORCH ST2500 - L.8m - LIQUID COOLED
81.32.359	TIG WELDING TORCH ST2500 U/D - L.4m - LIQUID COOLED
81.32.360	TIG WELDING TORCH ST2500 U/D - L.8m - LIQUID COOLED
81.32.559	TIG WELDING TORCH ST3000 - L.4m - LIQUID COOLED
81.32.560	TIG WELDING TORCH ST3000 - L.8m - LIQUID COOLED
81.32.558	TIG WELDING TORCH ST3000 U/D - L.4m - LIQUID COOLED
81.32.561	TIG WELDING TORCH ST3000 U/D - L.8m - LIQUID COOLED
81.32.259	TIG WELDING TORCH ST4000 - L.4m - LIQUID COOLED
81.32.260	TIG WELDING TORCH ST4000 - L.8m - LIQUID COOLED
81.32.258	TIG WELDING TORCH ST4000 U/D - L.4m - LIQUID COOLED
81.32.261	TIG WELDING TORCH ST4000 U/D - L.8m - LIQUID COOLED
	Stick electrode holder
71.04.003	STICK ELECTRODE HOLDER - 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
71.03.083	POWER SOURCE TROLLEY GT 300
	Other
73.12.019	TIG TORCH CONNECTORS KIT



Welding process

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

Materials

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

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
- Repair and overhaul
- Pipeline construction
- Workshops



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
- 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
- HF mode arc striking
- Manual restart or downslope stop functions
- Bi-Level operating mode
- Pulsed and fast pulsed operating mode (2500Hz)
- Easy joining
- Current socket (panel) 50/70mm²
- Selco Up/Down torch compatible (welding current adjustment)
- Remote control compatible
- Selco WU cooling unit compatible
- Controlled cooling operations

Power source

			P	X%	P.F.	I₂	U_o	IP	mm l x w x h	Kg
TERRA 320 TLH	3x400V TIG	25A	15,9kVA 10,9kW	40°C 60% 320A 40°C 100% 280A 25°C 70% 320A 25°C 100% 290A	0,68	3-320A	61V	23S	620x240x460mm	20,5kg
	3x400V MMA	25A	15,9kVA 10,9kW	40°C 50% 300A 40°C 60% 290A 40°C 100% 250A 25°C 80% 300A 25°C 100% 290A	0,68	3-300A	61V	23S	620x240x460mm	20,5kg

Cooling unit

		P		IP	mm l x w x h	Kg
WU 230	1x400 Vac	1,0 kW	3,0l	23S	660x240x220	12,0 kg

Part No.	Description
ACCESSORIES	
TERRA 320 TLH - TIG welding configuration - Gas	
55.17.008	TERRA 320 TLH 3X400V
71.03.079	POWER SOURCE TROLLEY GT 400 TIG
81.32.158	TIG WELDING TORCH ST2200 U/D - L.4m - AIR COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m
	Total
TERRA 320 TLH - TIG welding configuration - Water	
55.17.008	TERRA 320 TLH 3X400V
71.03.079	POWER SOURCE TROLLEY GT 400 TIG
71.03.071	COOLING UNIT WU 230 - TERRA
81.32.558	TIG WELDING TORCH ST3000 U/D - L.4m - LIQUID COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m
	Total
Power source	
55.17.008	TERRA 320 TLH 3X400V
Cooling unit	
71.03.071	COOLING UNIT WU 230 - TERRA
18.91.001	COOLANT CU10 (10kg)
Remote control unit	
71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.197	REMOTE CONTROL UNIT RC 120 - L.6m - FOOT
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
Torch	
81.32.458	TIG WELDING TORCH ST1500 - L.4m - AIR COOLED
81.32.459	TIG WELDING TORCH ST1500 - L.8m - AIR COOLED
81.32.461	TIG WELDING TORCH ST1500 U/D - L.4m - AIR COOLED
81.32.462	TIG WELDING TORCH ST1500 U/D - L.8m - AIR COOLED
81.32.061	TIG WELDING TORCH ST1700 - L.4m - AIR COOLED
81.32.062	TIG WELDING TORCH ST1700 - L.8m - AIR COOLED
81.32.060	TIG WELDING TORCH ST1700 U/D - L.4m - AIR COOLED
81.32.065	TIG WELDING TORCH ST1700 U/D - L.8m - AIR COOLED
81.32.159	TIG WELDING TORCH ST2200 - L.4m - AIR COOLED
81.32.160	TIG WELDING TORCH ST2200 - L.8m - AIR COOLED
81.32.158	TIG WELDING TORCH ST2200 U/D - L.4m - AIR COOLED
81.32.161	TIG WELDING TORCH ST2200 U/D - L.8m - AIR COOLED
81.32.357	TIG WELDING TORCH ST2500 - L.4m - LIQUID COOLED
81.32.358	TIG WELDING TORCH ST2500 - L.8m - LIQUID COOLED
81.32.359	TIG WELDING TORCH ST2500 U/D - L.4m - LIQUID COOLED
81.32.360	TIG WELDING TORCH ST2500 U/D - L.8m - LIQUID COOLED
81.32.559	TIG WELDING TORCH ST3000 - L.4m - LIQUID COOLED
81.32.560	TIG WELDING TORCH ST3000 - L.8m - LIQUID COOLED
81.32.558	TIG WELDING TORCH ST3000 U/D - L.4m - LIQUID COOLED
81.32.561	TIG WELDING TORCH ST3000 U/D - L.8m - LIQUID COOLED
81.32.259	TIG WELDING TORCH ST4000 - L.4m - LIQUID COOLED
81.32.260	TIG WELDING TORCH ST4000 - L.8m - LIQUID COOLED
81.32.258	TIG WELDING TORCH ST4000 U/D - L.4m - LIQUID COOLED
81.32.261	TIG WELDING TORCH ST4000 U/D - L.8m - LIQUID COOLED

Part No.	Description
	Stick electrode holder
71.04.003	STICK ELECTRODE HOLDER - POWER CABLE 35mm ² - L.4m
71.04.004	STICK ELECTRODE HOLDER - POWER CABLE 50mm ² - L.4m
71.04.006	STICK ELECTRODE HOLDER - 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 (GT200-GT350)
71.03.079	POWER SOURCE TROLLEY GT 400 TIG
71.03.091	LIFTING KIT (GT400-GT500)
71.03.092	TRAY KIT – TORCH HOLDERS (GT400-GT500)
71.03.093	CABLE SUPPORT KIT (GT400-GT500)
71.03.094	TORCHE/CABLE SUPPORT KIT (2 pieces) (GT400-GT500)
71.03.043	TIG RODS HOLDER KIT (GT400-GT500)
	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

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

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
- Repair and overhaul
- Repair and overhaul
- Vehicle bodywork repair
- Pipeline construction

**Technical features**

- Green@wave 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
- 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
- Forgiving arc for a low noise welding operations
- Linear controlled fan on demand
- Current socket (panel) 50/70mm²
- Digital TIG torch compatible
- Remote control compatible
- Selco WU cooling unit compatible
- Controlled cooling operations

Power source

			P	X%			P.F.	I₂	U_o	IP	 mm l x w x h	 Kg
URANOS 1700 AC/DC	1x230V TIG	16A	5,0kVA 5,0kW	40°C 40°C 40°C 25°C	35% 60% 100% 100%	170A 150A 130A 170A	1,00	3-170A	80V	23S	500x190x400mm	18,8kg
	1x230V MMA	16A	5,0kVA 5,0kW	40°C 40°C 40°C 25°C	35% 60% 100% 100%	150A 120A 90A 150A	1,00	3-150A	80V	23S	500x190x400mm	18,8kg
	1x115V TIG	25A	5,0kVA 5,0kW	40°C 40°C 40°C 25°C	35% 60% 100% 100%	150A 130A 110A 150A	1,00	3-150A	80V	23S	500x190x400mm	18,8kg
	1x115V MMA	25A	5,0kVA 5,0kW	40°C 40°C 40°C 25°C	35% 60% 100% 100%	120A 100A 80A 120A	1,00	3-120A	80V	23S	500x190x400mm	18,8kg
URANOS 2200 AC/DC	1x230V TIG	20A	6,4kVA 6,4kW	40°C 40°C 40°C 25°C	35% 60% 100% 60%	220A 170A 150A 220A	1,00	3-220A	80V	23S	500x190x400mm	18,8kg
	1x230V MMA	20A	6,4kVA 6,4kW	40°C 40°C 40°C 25°C	35% 60% 100% 60%	180A 150A 130A 180A	1,00	3-180A	80V	23S	500x190x400mm	18,8kg
	1x115V TIG	30A	6,4kVA 6,4kW	40°C 40°C 40°C 25°C	35% 60% 100% 100%	180A 140A 130A 180A	1,00	3-180A	80V	23S	500x190x400mm	18,8kg
	1x115V MMA	30A	6,4kVA 6,4kW	40°C 40°C 40°C 25°C	35% 60% 100% 100%	130A 110A 90A 130A	1,00	3-130A	80V	23S	500x190x400mm	18,8kg

Cooling unit

		P		IP	 mm l x w x h	 Kg
WU 1000	48Vdc	0,6kW	2,0l	23S	480x190x180	8,8 kg

Part No.	Description
URANOS 1700 AC/DC - TIG welding configuration - Gas	
55.08.043	URANOS 1700 ACDC EASYARC 1x115V-1x230V - LCD 3.5"
81.32.158	TIG WELDING TORCH ST2200 U/D - L.4m -AIR COOLED
71.05.011	WORK CABLE - 25mm ² - L.4m - PLUG 50mm ²
Total	
URANOS 2200 AC/DC - TIG welding configuration - Gas	
55.08.040	URANOS 2200ACDC EASYARC 1x115V-1x230V LCD 3.5"
81.32.158	TIG WELDING TORCH ST2200 U/D - L.4m -AIR COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m
Total	
URANOS 2200 AC/DC - TIG welding configuration - Water	
55.08.040	URANOS 2200ACDC EASYARC 1x115V-1x230V LCD 3.5"
71.03.075	COOLING UNIT WU1000
81.32.558	TIG WELDING TORCH ST3000 U/D - L.4m - LIQUID COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m
Total	

Part No.	Description
ACCESSORIES	
Power source	
55.08.043	URANOS 1700 ACDC EASYARC 1x115V-1x230V - LCD 3.5"
55.08.040	URANOS 2200ACDC EASYARC 1x115V-1x230V LCD 3.5"
Cooling unit	
71.03.075	COOLING UNIT WU1000
18.91.001	COOLANT CU10 (10kg)
Remote control unit	
71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.197	REMOTE CONTROL UNIT RC 120 - L.6m - FOOT
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
Torch	
81.32.458	TIG WELDING TORCH ST1500 - L.4m - AIR COOLED
81.32.459	TIG WELDING TORCH ST1500 - L.8m - AIR COOLED
81.32.461	TIG WELDING TORCH ST1500 U/D - L.4m - AIR COOLED
81.32.462	TIG WELDING TORCH ST1500 U/D - L.8m - AIR COOLED
81.32.463	TIG WELDING TORCH ST1500 DIGITIG - L.4m - AIR COOLED
81.32.464	TIG WELDING TORCH ST1500 DIGITIG - L.8m - AIR COOLED
81.32.061	TIG WELDING TORCH ST1700 - L.4m - AIR COOLED
81.32.062	TIG WELDING TORCH ST1700 - L.8m - AIR COOLED
81.32.060	TIG WELDING TORCH ST1700 U/D - L.4m - AIR COOLED
81.32.065	TIG WELDING TORCH ST1700 U/D - L.8m - AIR COOLED
81.32.066	TIG WELDING TORCH ST1700 DIGITIG - L.4m - AIR COOLED
81.32.067	TIG WELDING TORCH ST1700 DIGITIG - L.8m - AIR COOLED
81.32.159	TIG WELDING TORCH ST2200 - L.4m - AIR COOLED
81.32.160	TIG WELDING TORCH ST2200 - L.8m - AIR COOLED
81.32.158	TIG WELDING TORCH ST2200 U/D - L.4m - AIR COOLED
81.32.161	TIG WELDING TORCH ST2200 U/D - L.8m - AIR COOLED
81.32.157	TIG WELDING TORCH ST2200 DIGITIG - L.4m - AIR COOLED
81.32.162	TIG WELDING TORCH ST2200 DIGITIG - L.8m - AIR COOLED
81.32.357	TIG WELDING TORCH ST2500 - L.4m - LIQUID COOLED
81.32.358	TIG WELDING TORCH ST2500 - L.8m - LIQUID COOLED
81.32.359	TIG WELDING TORCH ST2500 U/D - L.4m - LIQUID COOLED
81.32.360	TIG WELDING TORCH ST2500 U/D - L.8m - LIQUID COOLED
81.32.361	TIG WELDING TORCH ST2500 DIGITIG - L.4m - LIQUID COOLED
81.32.362	TIG WELDING TORCH ST2500 DIGITIG - L.8m - LIQUID COOLED
81.32.559	TIG WELDING TORCH ST3000 - L.4m - LIQUID COOLED
81.32.560	TIG WELDING TORCH ST3000 - L.8m - LIQUID COOLED
81.32.558	TIG WELDING TORCH ST3000 U/D - L.4m - LIQUID COOLED
81.32.561	TIG WELDING TORCH ST3000 U/D - L.8m - LIQUID COOLED
81.32.557	TIG WELDING TORCH ST3000 DIGITIG - L.4m - LIQUID COOLED
81.32.562	TIG WELDING TORCH ST3000 DIGITIG - L.8m - LIQUID COOLED
81.32.259	TIG WELDING TORCH ST4000 - L.4m - LIQUID COOLED
81.32.260	TIG WELDING TORCH ST4000 - L.8m - LIQUID COOLED
81.32.258	TIG WELDING TORCH ST4000 U/D - L.4m - LIQUID COOLED
81.32.261	TIG WELDING TORCH ST4000 U/D - L.8m - LIQUID COOLED
81.32.257	TIG WELDING TORCH ST4000 DIGITIG - L.4m - LIQUID COOLED
81.32.262	TIG WELDING TORCH ST4000 DIGITIG - L.8m - LIQUID COOLED
Stick electrode holder	
71.04.005	STICK ELECTRODE HOLDER - 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

Part No.	Description
	Power source trolley
71.03.082	POWER SOURCE TROLLEY GT 200
71.03.083	POWER SOURCE TROLLEY GT 300
	Weld@Net system
74.04.067	KIT SW WELD@NET PRODUCTION MONITOR
74.04.066	KIT SW WELD@NET PRODUCTION CONTROL MONITOR
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
	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

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

Applications

- Light job shop fabrication
- Medium-heavy job shop fabrication
- Boiler and tank construction
- Building sites
- Plants machinery construction
- Shipyards
- Automobile industry
- Motorcycle industry
- Cycle industry
- Aeronautics and Aerospace industry
- Military industry
- Nuclear industry
- Food industry
- Chemical industry
- Repair and overhaul
- Repair and overhaul
- Vehicle bodywork repair
- Pipeline construction



Technical features

- Green@wave inverter technology for high energy efficiency and perfect control over all welding phases
- Heavy duty and environmental conditions, high service life
- CAN field bus 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
- Totally programmable user interface
- Totally welding process remote programming and management by PC network
- Control of several welding units over Ethernet
- 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
- Forgiving arc for a low noise welding operations
- Linear controlled fan on demand
- Current socket (panel) 50/70mm²
- Digital TIG torch compatible
- Remote control compatible
- Selco WU cooling unit compatible
- Controlled cooling operations

Power source

			P	X%			P.F.	I ₂	U ₀	IP	 mm l x w x h	 Kg
URANOS 2700 AC/DC	3x400V	16A	10,9kVA	40°C	40%	270A	0,95	3-270A	80V	23S	620x240x460mm	27,0kg
			10,4kW	40°C	60%	250A						
				40°C	100%	230A						
				25°C	100%	270A						
	3x230V	20A	11,1kVA	40°C	40%	270A	0,96	3-270A	80V	23S	620x240x460mm	27,0kg
			10,6kW	40°C	60%	240A						
				40°C	100%	220A						
				25°C	100%	270A						
URANOS 3200 AC/DC	3x400V	16A	13,8kVA	40°C	40%	320A	0,95	3-320A	80V	23S	620x240x460mm	27,5kg
			13,1kW	40°C	60%	300A						
				40°C	100%	270A						
				25°C	65%	320A						
	3x230V	25A	11,1kVA	40°C	30%	320A	0,96	3-320A	80V	23S	620x240x460mm	27,5kg
			10,6kW	40°C	60%	270A						
				40°C	100%	250A						
				25°C	65%	320A						
		25°C	100%	250A								

Cooling unit

		P		IP		
WU 2000	360Vdc	1,0kW	3,0l	23S	660x240x220	12,0 kg

Part No.	Description
	URANOS 2700 AC/DC - LCD 3,5" - TIG welding configuration - Gas
55.08.041	URANOS 2700 AC/DC EASYARC 3X230V-3X400V - LCD 3.5"
71.03.079	POWER SOURCE TROLLEY GT 400 TIG
81.32.158	TIG WELDING TORCH ST2200 U/D - L.4m -AIR COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m
	Total
	URANOS 2700 AC/DC - LCD 3,5" - TIG welding configuration - Water
55.08.041	URANOS 2700 AC/DC EASYARC 3X230V-3X400V - LCD 3.5"
71.03.076	COOLING UNIT WU 2000
71.03.079	POWER SOURCE TROLLEY GT 400 TIG
81.32.558	TIG WELDING TORCH ST3000 U/D - L.4m - LIQUID COOLED
71.05.012	WORK CABLE - 35mm ² - L.4m
	Total
	URANOS 3200 AC/DC - LCD 3,5" - TIG welding configuration - Water
55.08.039	URANOS 3200 AC/DC EASYARC 3X230V-3X400V - LCD 3.5"
71.03.076	COOLING UNIT WU 2000
71.03.079	POWER SOURCE TROLLEY GT 400 TIG
81.32.558	TIG WELDING TORCH ST3000 U/D - L.4m - LIQUID COOLED
71.05.013	WORK CABLE - 50mm ² - L.4m
	Total

ACCESSORIES

	Power source
55.08.044	URANOS 2700 AC/DC EASYARC 3X230V-3X400V
55.08.041	URANOS 2700 AC/DC EASYARC 3X230V-3X400V - LCD 3.5"
55.08.045	URANOS 3200 AC/DC EASYARC 3X230V-3X400V
55.08.039	URANOS 3200 AC/DC EASYARC 3X230V-3X400V - LCD 3.5"
	Cooling unit
71.03.076	COOLING UNIT WU 2000
18.91.001	COOLANT CU10 (10kg)
	Remote control unit
71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.197	REMOTE CONTROL UNIT RC 120 - L.6m - FOOT
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
71.02.201	REMOTE CONTROL UNIT RC 350 - L.6m
	Stick electrode holder
71.04.003	STICK ELECTRODE HOLDER - POWER CABLE 35mm ² - L.4m
71.04.004	STICK ELECTRODE HOLDER - 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

Part No.	Description
	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 (GT200-GT350)
71.03.079	POWER SOURCE TROLLEY GT 400 TIG
71.03.091	LIFTING KIT (GT400-GT500)
71.03.092	TRAY KIT – TORCH HOLDERS (GT400-GT500)
71.03.093	CABLE SUPPORT KIT (GT400-GT500)
71.03.094	TORCHE/CABLE SUPPORT KIT (2 pieces) (GT400-GT500)
71.03.043	TIG RODS HOLDER KIT (GT400-GT500)
	Torch
81.32.458	TIG WELDING TORCH ST1500 - L.4m - AIR COOLED
81.32.459	TIG WELDING TORCH ST1500 - L.8m - AIR COOLED
81.32.461	TIG WELDING TORCH ST1500 U/D - L.4m - AIR COOLED
81.32.462	TIG WELDING TORCH ST1500 U/D - L.8m - AIR COOLED
81.32.463	TIG WELDING TORCH ST1500 DIGITIG - L.4m - AIR COOLED
81.32.464	TIG WELDING TORCH ST1500 DIGITIG - L.8m - AIR COOLED
81.32.061	TIG WELDING TORCH ST1700 - L.4m - AIR COOLED
81.32.062	TIG WELDING TORCH ST1700 - L.8m - AIR COOLED
81.32.060	TIG WELDING TORCH ST1700 U/D - L.4m - AIR COOLED
81.32.065	TIG WELDING TORCH ST1700 U/D - L.8m - AIR COOLED
81.32.066	TIG WELDING TORCH ST1700 DIGITIG - L.4m - AIR COOLED
81.32.067	TIG WELDING TORCH ST1700 DIGITIG - L.8m - AIR COOLED
81.32.159	TIG WELDING TORCH ST2200 - L.4m - AIR COOLED
81.32.160	TIG WELDING TORCH ST2200 - L.8m - AIR COOLED
81.32.158	TIG WELDING TORCH ST2200 U/D - L.4m - AIR COOLED
81.32.161	TIG WELDING TORCH ST2200 U/D - L.8m - AIR COOLED
81.32.157	TIG WELDING TORCH ST2200 DIGITIG - L.4m - AIR COOLED
81.32.162	TIG WELDING TORCH ST2200 DIGITIG - L.8m - AIR COOLED
81.32.357	TIG WELDING TORCH ST2500 - L.4m - LIQUID COOLED
81.32.358	TIG WELDING TORCH ST2500 - L.8m - LIQUID COOLED
81.32.359	TIG WELDING TORCH ST2500 U/D - L.4m - LIQUID COOLED
81.32.360	TIG WELDING TORCH ST2500 U/D - L.8m - LIQUID COOLED
81.32.361	TIG WELDING TORCH ST2500 DIGITIG - L.4m - LIQUID COOLED
81.32.362	TIG WELDING TORCH ST2500 DIGITIG - L.8m - LIQUID COOLED
81.32.559	TIG WELDING TORCH ST3000 - L.4m - LIQUID COOLED
81.32.560	TIG WELDING TORCH ST3000 - L.8m - LIQUID COOLED
81.32.558	TIG WELDING TORCH ST3000 U/D - L.4m - LIQUID COOLED
81.32.561	TIG WELDING TORCH ST3000 U/D - L.8m - LIQUID COOLED
81.32.557	TIG WELDING TORCH ST3000 DIGITIG - L.4m - LIQUID COOLED
81.32.562	TIG WELDING TORCH ST3000 DIGITIG - L.8m - LIQUID COOLED
81.32.259	TIG WELDING TORCH ST4000 - L.4m - LIQUID COOLED
81.32.260	TIG WELDING TORCH ST4000 - L.8m - LIQUID COOLED
81.32.258	TIG WELDING TORCH ST4000 U/D - L.4m - LIQUID COOLED
81.32.261	TIG WELDING TORCH ST4000 U/D - L.8m - LIQUID COOLED
81.32.257	TIG WELDING TORCH ST4000 DIGITIG - L.4m - LIQUID COOLED
81.32.262	TIG WELDING TORCH ST4000 DIGITIG - L.8m - LIQUID COOLED
	Weld@Net system
74.04.067	KIT SW WELD@NET PRODUCTION MONITOR
74.04.066	KIT SW WELD@NET PRODUCTION CONTROL MONITOR
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
	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

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

Applications

- 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
- Cycle industry
- Nuclear industry
- Military industry
- Aeronautics and Aerospace industry
- Food industry
- Chemical industry
- Repair and overhaul
- Repair and overhaul
- Vehicle bodywork repair
- Pipeline construction

Technical features

- Green@wave 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
- 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
- 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 (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) 50/70mm²
- Digital TIG torch compatible
- Smart slope control
- Remote control compatible
- Selco WU cooling unit compatible
- Controlled cooling operations



Power source

			P	X%	P.F.	I₂	U_o	IP	 mm l x w x h	 Kg
URANOS 4000 AC/DC	3x400V TIG	25A	14,0kVA 13,3kW	40°C 40% 400A	0,95	3-400A	73V	23S	690x290x510mm	35,4kg
				40°C 60% 360A						
				40°C 100% 330A						
				25°C 80% 400A						
				25°C 100% 370A						
	3x400V MMA	25A	18,4kVA 17,5kW	40°C 40% 400A	0,95	3-400A	73V	23S	690x290x510mm	35,4kg
				40°C 60% 360A						
				40°C 100% 330A						
				25°C 80% 400A						
				25°C 100% 370A						
	3x230V TIG	40A	13,8kVA 13,2kW	40°C 40% 400A	0,95	3-400A	73V	23S	690x290x510mm	35,4kg
				40°C 60% 340A						
				40°C 100% 310A						
				25°C 65% 400A						
				25°C 100% 350A						
	3x230V MMA	40A	13,3kVA 12,8kW	40°C 80% 320A	0,95	3-320A	73V	23S	690x290x510mm	35,4kg
				40°C 100% 300A						
				25°C 100% 320A						

Cooling unit

		P		IP	 mm l x w x h	 Kg
WU 3000	360 Vdc	1,4 kW	5,5l	23S	705x305x250	12,0 kg

Part No.	Description
	URANOS 4000 AC/DC - LCD 3,5" - TIG welding configuration - Water
55.08.042	URANOS 4000 AC/DC EASYARC 3X230V-3X400V - LCD 3.5"
71.03.077	COOLING UNIT WU 3000
71.03.081	POWER SOURCE TROLLEY GT 500 TIG
81.32.258	TIG WELDING TORCH ST4000 U/D - L.4m - LIQUID COOLED
71.05.014	WORK CABLE - 70mm ² - L.4m
	Total

ACCESSORIES

Power source

55.08.046	URANOS 4000 AC/DC EASYARC 3X230V-3X400V
55.08.042	URANOS 4000 AC/DC EASYARC 3X230V-3X400V - LCD 3.5"

Cooling unit

71.03.077	COOLING UNIT WU 3000
18.91.001	COOLANT CU10 (10kg)

Remote control unit

71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.197	REMOTE CONTROL UNIT RC 120 - L.6m - FOOT
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
71.02.201	REMOTE CONTROL UNIT RC 350 - L.6m

Stick electrode holder

71.04.006	STICK ELECTRODE HOLDER - POWER CABLE 70mm ² - L.4m
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Earth cable

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

Part No.	Description
	Power source trolley
71.03.081	POWER SOURCE TROLLEY GT 500 TIG
71.03.091	LIFTING KIT (GT400-GT500)
71.03.092	TRAY KIT – TORCH HOLDERS (GT400-GT500)
71.03.093	CABLE SUPPORT KIT (GT400-GT500)
71.03.094	TORCHE/CABLE SUPPORT KIT (2 pieces) (GT400-GT500)
71.03.043	TIG RODS HOLDER KIT (GT400-GT500)
	Torch
81.32.458	TIG WELDING TORCH ST1500 - L.4m - AIR COOLED
81.32.459	TIG WELDING TORCH ST1500 - L.8m - AIR COOLED
81.32.461	TIG WELDING TORCH ST1500 U/D - L.4m - AIR COOLED
81.32.462	TIG WELDING TORCH ST1500 U/D - L.8m - AIR COOLED
81.32.463	TIG WELDING TORCH ST1500 DIGITIG - L.4m - AIR COOLED
81.32.464	TIG WELDING TORCH ST1500 DIGITIG - L.8m - AIR COOLED
81.32.061	TIG WELDING TORCH ST1700 - L.4m - AIR COOLED
81.32.062	TIG WELDING TORCH ST1700 - L.8m - AIR COOLED
81.32.060	TIG WELDING TORCH ST1700 U/D - L.4m - AIR COOLED
81.32.065	TIG WELDING TORCH ST1700 U/D - L.8m - AIR COOLED
81.32.066	TIG WELDING TORCH ST1700 DIGITIG - L.4m - AIR COOLED
81.32.067	TIG WELDING TORCH ST1700 DIGITIG - L.8m - AIR COOLED
81.32.159	TIG WELDING TORCH ST2200 - L.4m - AIR COOLED
81.32.160	TIG WELDING TORCH ST2200 - L.8m - AIR COOLED
81.32.158	TIG WELDING TORCH ST2200 U/D - L.4m - AIR COOLED
81.32.161	TIG WELDING TORCH ST2200 U/D - L.8m - AIR COOLED
81.32.157	TIG WELDING TORCH ST2200 DIGITIG - L.4m - AIR COOLED
81.32.162	TIG WELDING TORCH ST2200 DIGITIG - L.8m - AIR COOLED
81.32.357	TIG WELDING TORCH ST2500 - L.4m - LIQUID COOLED
81.32.358	TIG WELDING TORCH ST2500 - L.8m - LIQUID COOLED
81.32.359	TIG WELDING TORCH ST2500 U/D - L.4m - LIQUID COOLED
81.32.360	TIG WELDING TORCH ST2500 U/D - L.8m - LIQUID COOLED
81.32.361	TIG WELDING TORCH ST2500 DIGITIG - L.4m - LIQUID COOLED
81.32.362	TIG WELDING TORCH ST2500 DIGITIG - L.8m - LIQUID COOLED
81.32.559	TIG WELDING TORCH ST3000 - L.4m - LIQUID COOLED
81.32.560	TIG WELDING TORCH ST3000 - L.8m - LIQUID COOLED
81.32.558	TIG WELDING TORCH ST3000 U/D - L.4m - LIQUID COOLED
81.32.561	TIG WELDING TORCH ST3000 U/D - L.8m - LIQUID COOLED
81.32.557	TIG WELDING TORCH ST3000 DIGITIG - L.4m - LIQUID COOLED
81.32.562	TIG WELDING TORCH ST3000 DIGITIG - L.8m - LIQUID COOLED
81.32.259	TIG WELDING TORCH ST4000 - L.4m - LIQUID COOLED
81.32.260	TIG WELDING TORCH ST4000 - L.8m - LIQUID COOLED
81.32.258	TIG WELDING TORCH ST4000 U/D - L.4m - LIQUID COOLED
81.32.261	TIG WELDING TORCH ST4000 U/D - L.8m - LIQUID COOLED
81.32.257	TIG WELDING TORCH ST4000 DIGITIG - L.4m - LIQUID COOLED
81.32.262	TIG WELDING TORCH ST4000 DIGITIG - L.8m - LIQUID COOLED
	Weld@Net system
74.04.067	KIT SW WELD@NET PRODUCTION MONITOR
74.04.066	KIT SW WELD@NET PRODUCTION CONTROL MONITOR
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
	Other
73.12.019	TIG TORCH CONNECTORS KIT

ST1500

Gas

	X% DC		X% AC		Ø _{mm}	m
ST 1500	40%	150A	—		0,5-2,4mm	4/8m
ST 1500 U/D	40%	150A	—		0,5-2,4mm	4/8m
ST 1500 DigiTig	40%	150A	—		0,5-2,4mm	4/8m



Part No.	Description
ST1500	
81.32.458	TIG WELDING TORCH ST1500 - L.4m - AIR COOLED
81.32.459	TIG WELDING TORCH ST1500 - L.8m - AIR COOLED
ST1500 U/D	
81.32.461	TIG WELDING TORCH ST1500 U/D - L.4m - AIR COOLED
81.32.462	TIG WELDING TORCH ST1500 U/D - L.8m - AIR COOLED
ST1500 Digitig	
81.32.463	TIG WELDING TORCH ST1500 DIGITIG - L.4m - AIR COOLED
81.32.464	TIG WELDING TORCH ST1500 DIGITIG - L.8m - AIR COOLED

ST1700

Gas

	X% DC		X% AC		Ø _{mm}	m
ST 1700	35%	170A	35%	140A	0,5-2,4mm	4/8m
ST 1700 U/D	35%	170A	35%	140A	0,5-2,4mm	4/8m
ST 1700 DigiTig	35%	170A	35%	140A	0,5-2,4mm	4/8m



Part No.	Description
ST1700	
81.32.061	TIG WELDING TORCH ST1700 - L.4m - AIR COOLED
81.32.062	TIG WELDING TORCH ST1700 - L.8m - AIR COOLED
ST1700 U/D	
81.32.060	TIG WELDING TORCH ST1700 U/D - L.4m - AIR COOLED
81.32.065	TIG WELDING TORCH ST1700 U/D - L.8m - AIR COOLED
ST1700 Digitig	
81.32.066	TIG WELDING TORCH ST1700 DIGITIG - L.4m - AIR COOLED
81.32.067	TIG WELDING TORCH ST1700 DIGITIG - L.8m - AIR COOLED

ST2200

Gas

	X% DC		X% AC		Ø mm	← m →
ST 2200	35%	220A	35%	180A	0,5-4,0mm	4/8m
	100%	160A	100%	130A		
ST 2200 U/D	35%	220A	35%	180A	0,5-4,0mm	4/8m
	100%	160A	100%	130A		
ST 2200 DigiTig	35%	220A	35%	180A	0,5-4,0mm	4/8m
	100%	160A	100%	130A		



Part No.	Description
ST2200	
81.32.159	TIG WELDING TORCH ST2200 - L.4m - AIR COOLED
81.32.160	TIG WELDING TORCH ST2200 - L.8m - AIR COOLED
ST2200 U/D	
81.32.158	TIG WELDING TORCH ST2200 U/D - L.4m - AIR COOLED
81.32.161	TIG WELDING TORCH ST2200 U/D - L.8m - AIR COOLED
ST2200 Digitig	
81.32.157	TIG WELDING TORCH ST2200 DIGITIG - L.4m - AIR COOLED
81.32.162	TIG WELDING TORCH ST2200 DIGITIG - L.8m - AIR COOLED

ST2500

Water

	X% DC		X% AC		Ø mm	← m →
ST 2500	100%	250A	100%	200A	0,5-4,0mm	4/8m
ST 2500 U/D	100%	250A	100%	200A	0,5-4,0mm	4/8m
ST 2500 DigiTig	100%	250A	100%	200A	0,5-4,0mm	4/8m



Part No.	Description
ST2500	
81.32.357	TIG WELDING TORCH ST2500 - L.4m - LIQUID COOLED
81.32.358	TIG WELDING TORCH ST2500 - L.8m - LIQUID COOLED
ST2500 U/D	
81.32.359	TIG WELDING TORCH ST2500 U/D - L.4m - LIQUID COOLED
81.32.360	TIG WELDING TORCH ST2500 U/D - L.8m - LIQUID COOLED
ST2500 Digitig	
81.32.361	TIG WELDING TORCH ST2500 DIGITIG - L.4m - LIQUID COOLED
81.32.362	TIG WELDING TORCH ST2500 DIGITIG - L.8m - LIQUID COOLED

ST3000

Water

	X% DC		X% AC		Ø _{mm}	↔ _m
ST 3000	100%	300A	100%	240A	0,5-4,0mm	4/8m
ST 3000 U/D	100%	300A	100%	240A	0,5-4,0mm	4/8m
ST 3000 DigiTig	100%	300A	100%	240A	0,5-4,0mm	4/8m



Part No.	Description
ST3000	
81.32.559	TIG WELDING TORCH ST3000 - L.4m - LIQUID COOLED
81.32.560	TIG WELDING TORCH ST3000 - L.8m - LIQUID COOLED
ST3000 U/D	
81.32.558	TIG WELDING TORCH ST3000 U/D - L.4m - LIQUID COOLED
81.32.561	TIG WELDING TORCH ST3000 U/D - L.8m - LIQUID COOLED
ST3000 Digitig	
81.32.557	TIG WELDING TORCH ST3000 DIGITIG - L.4m - LIQUID COOLED
81.32.562	TIG WELDING TORCH ST3000 DIGITIG - L.8m - LIQUID COOLED

ST4000

Water

	X% DC		X% AC		Ø _{mm}	↔ _m
ST 4000	60%	400A	60%	320A	0,5-4,0mm	4/8m
	100%	350A	100%	280A		
ST 4000 U/D	60%	400A	60%	320A	0,5-4,0mm	4/8m
	100%	350A	100%	280A		
ST 4000 DigiTig	60%	400A	60%	320A	0,5-4,0mm	4/8m
	100%	350A	100%	280A		



Part No.	Description
ST4000	
81.32.259	TIG WELDING TORCH ST4000 - L.4m - LIQUID COOLED
81.32.260	TIG WELDING TORCH ST4000 - L.8m - LIQUID COOLED
ST4000 U/D	
81.32.258	TIG WELDING TORCH ST4000 U/D - L.4m - LIQUID COOLED
81.32.261	TIG WELDING TORCH ST4000 U/D - L.8m - LIQUID COOLED
ST4000 Digitig	
81.32.257	TIG WELDING TORCH ST4000 DIGITIG - L.4m - LIQUID COOLED
81.32.262	TIG WELDING TORCH ST4000 DIGITIG - L.8m - LIQUID COOLED

Spare parts for TIG Torches

Compatible with

- | | | |
|-----------------|-----------------|---------|
| • ST1700 | • ST3000 | • SR17V |
| • ST1700U/D | • ST3000U/D | • SR26V |
| • ST1700DigiTig | • ST3000DigiTig | |
| • ST2200 | • ST4000 | |
| • ST2200U/D | • ST4000U/D | |
| • ST2200DigiTig | • ST4000DigiTig | |



Part No.	Description
	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) Insulating ring
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)

Part No.	Description
	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)

Spare parts for TIG Torches

Compatible with

- ST1500
- ST1500U/D
- ST1500DigiTig
- ST2500
- ST2500U/D
- ST2500DigiTig



Part No.	Description
	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) Insulating ring
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)

Part No.	Description
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 - NO.4 (10 pieces)
82.10.225	CERAMIC GAS NOZZLE - NO.5 (10 pieces)
82.10.228	CERAMIC GAS NOZZLE - NO.6 (10 pieces)
82.10.230	CERAMIC GAS NOZZLE - NO.7 (10 pieces)
82.10.231	CERAMIC GAS NOZZLE - NO.8 (10 pieces)
82.10.220	CERAMIC GAS NOZZLE - NO.10 (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)

Welding process

- MMA(Electrode)
- TIG DC Lift start

Materials

- Carbon steels
- Stainless steels
- Cast irons

Applications

- Light job shop fabrication
- Building sites
- Repair and overhaul
- Handicraft working
- Vehicle bodywork repair
- Building
- Plumbing
- Installers
- Blacksmiths
- Electricians
- Tinsmiths

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



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

			P	X%			P.F.	I₂	U_o	IP	mm l x w x h	Kg
URANOS 1500	1x230V	16A	6,6kVA 4,6kW	40°C 40°C 40°C	30% 60% 100%	150A 125A 110A	0,70	5-150A	85V	23S	260x120x190mm	2,6kg

Part No.	Description
	URANOS 1500 - Suitcase kit
74.05.016	URANOS 1500 MMA - SUITCASE KIT
	Total

ACCESSORIES

Torch

81.02.005	TIG WELDING TORCH SR 17 V - L.4m - AIR COOLED
81.02.004	TIG WELDING TORCH SR 17 V - L.8m - AIR COOLED



Welding process

- MMA (Electrode)
- TIG DC lift start

Materials

- Carbon steels
- Stainless steels
- Cast irons

Applications

- Light job shop fabrication
- Building sites
- Repair and overhaul
- Repair and overhaul
- Sheet metal working
- Vehicle bodywork repair
- Building
- Plumbing
- Installers
- Blacksmiths
- Electricians
- Tinsmiths

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



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
- Remote control compatible
- Current socket (panel) 25mm²

Power source

			P	X%			P.F.	I₂	U_o	IP	mm l x w x h	Kg
URANOS 1500 RC	1x230V	16A	6,6kVA 4,6kW	40°C 40°C 40°C	30% 60% 100%	150A 125A 110A	0,70	5-150A	85V	23S	260x120x190mm	2,6kg

Part No.	Description
	URANOS 1500 RC - Suitcase kit
74.05.017	URANOS 1500 RC - SUITCASE KIT
	Total

ACCESSORIES

	Torch
81.02.005	TIG WELDING TORCH SR 17 V - L. 4m - AIR COOLED
81.02.004	TIG WELDING TORCH SR 17 V - L. 8m - AIR COOLED
	Remote control unit
71.02.195	REMOTE CONTROL UNIT RC18 - L. 6m

Welding process

- MMA(Electrode)
- TIG DC Lift start

Materials

- Carbon steels
- Stainless steels
- Cast irons

Applications

- Light job shop fabrication
- Building sites
- Repair and overhaul
- Handicraft working
- Vehicle bodywork repair
- 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

			P	X%			P.F.	I₂	U_o	IP	mm l x w x h	Kg
TERRA 150	1x230V MMA	16A	7,5kVA 4,7kW	40°C	35%	150A	0,63	5-145A	78V	23S	280x110x220mm	4,1kg
				40°C	60%	120A						
				40°C	100%	100A						
	1x230V TIG	16A	7,5kVA 4,7kW	40°C	35%	150A	0,63	5-150A	78V	23S	280x110x220mm	4,1kg

Part No.	Description
	TERRA150 - MMA welding configuration
55.12.016	TERRA 150 1x230V
71.04.002	STICK ELECTRODE HOLDER - POWER CABLE 25mm ² - L.4m - PLUG 25mm ²
71.05.009	WORK CABLE - 25mm ² - L.4m - PLUG 25mm ²
	Total

ACCESSORIES

	Power source
55.12.016	TERRA 150 1x230V
	TERRA 150 1x230V (5 pieces)
	Torch
81.02.005	TIG WELDING TORCH SR 17 V - L.4m - AIR COOLED
81.02.004	TIG WELDING TORCH SR 17 V - L.8m - AIR COOLED
	Stick electrode holder
71.04.002	STICK ELECTRODE HOLDER - 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

- Carbon steels
- Stainless steels
- Cast irons
- Aluminum and aluminum alloys



Applications

- Light job shop fabrication
- Medium-heavy job shop fabrication
- Building sites
- Shipyards
- Plants machinery construction
- Oil refinery plants construction
- Repair and overhaul
- Repair and overhaul
- Handicraft working
- Vehicle bodywork repair
- 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) 50/70mm²

Power source

			P	X%			P.F.	I₂	U_o	IP	mm l x w x h	Kg
TERRA 180	1x230V	16A	8,5kVA 5,9kW	40°C 40°C 25°C	35% 60% 100%	170A 150A 120A 150A	0,70	3-170A	80V	23S	410x150x330mm	8,0kg

Part No.	Description
	TERRA 180 - MMA welding configuration
55.12.012	TERRA 180 1x230V
71.04.005	STICK ELECTRODE HOLDER - POWER CABLE 25mm ² - L.4m - PLUG 50mm ²
71.05.011	WORK CABLE - 25mm ² - L.4m - PLUG 50mm ²
	Total

ACCESSORIES

	Power source
55.12.012	TERRA 180 1x230V
	TERRA 180 1x230V (3 pieces)
	Torch
81.02.008	TIG WELDING TORCH SR 26 V - L.4m - AIR COOLED
81.02.009	TIG WELDING TORCH SR 26 V - L.8m - AIR COOLED
	Stick electrode holder
71.04.005	STICK ELECTRODE HOLDER - 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

- Carbon steels
- Stainless steels
- Cast irons
- Aluminum and aluminum alloys

Applications

- Light job shop fabrication
- Medium-heavy job shop fabrication
- Building sites
- Shipyards
- Plants machinery construction
- Oil refinery plants construction
- Repair and overhaul
- Repair and overhaul
- Outdoor working
- Handicraft working
- Vehicle bodywork repair
- 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 environmental 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) 50/70mm²

Power source

			P	X%	P.F.	I₂	U_o	IP	mm l x w x h	Kg
TERRA 220 RC	3x400V	10A	11,0kVA 7,5kW	40°C 30% 220A 40°C 60% 170A 40°C 100% 150A 25°C 50% 220A 25°C 100% 160A	0,70	3-220A	70V	23S	410x150x330mm	11,3kg

Part No.	Description
	TERRA 220 RC - MMA welding configuration
55.12.013	TERRA 220 RC 3x400V
71.04.003	STICK ELECTRODE HOLDER - POWER CABLE 35mm ² - L.4m
71.05.012	WORK CABLE - 35mm ² - L.4m
	Total

Part No.	Description
ACCESSORIES	
Power source	
55.12.013	TERRA 220 RC 3x400V
Remote control unit	
71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
Torch	
81.02.008	TIG WELDING TORCH SR 26 V - L.4m - AIR COOLED
81.02.009	TIG WELDING TORCH SR 26 V - L.8m - AIR COOLED
Stick electrode holder	
71.04.005	STICK ELECTRODE HOLDER - POWER CABLE 25mm ² - L.4m - PLUG 50mm ²
71.04.003	STICK ELECTRODE HOLDER - 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

- Carbon steels
- Stainless steels
- Cast irons
- Aluminum and aluminum alloys

Applications

- Light job shop fabrication
- Medium-heavy job shop fabrication
- Heavy job shop fabrication
- Building sites
- Shipyards
- Plants machinery construction
- Oil refinery plants construction
- Repair and overhaul
- 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) 50/70mm²
- Remote control compatible

Power source

			P	X%	P.F.	I ₂	U _o	IP	mm l x w x h	Kg
TERRA 270 RC	3x400V	16A	14,0kVA 9,7kW	40°C 40% 270A 40°C 60% 255A 40°C 100% 240A	0,70	3-270A	70V	23S	500x190x400mm	16,1kg
TERRA 350 RC	3x400V	25A	19,0kVA 13,9kW	40°C 40% 350A 40°C 60% 310A 40°C 100% 290A	0,73	3-350A	70V	23S	500x190x400mm	16,5kg

Part No.	Description
	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 - POWER CABLE 35mm ² - L.4m
	Total
	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 - POWER CABLE 50mm ² - L.4m
	Total

Part No.	Description
ACCESSORIES	
Power source	
55.12.014	TERRA 270 RC 3X400V
55.12.015	TERRA 350 RC 3X400V
Remote control unit	
71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC180 - L.25m
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m
Torch	
81.02.008	TIG WELDING TORCH SR 26 V - L.4m - AIR COOLED
81.02.009	TIG WELDING TORCH SR 26 V - L.8m - AIR COOLED
Stick electrode holder	
71.04.003	STICK ELECTRODE HOLDER - POWER CABLE 35mm ² - L.4m
71.04.004	STICK ELECTRODE HOLDER - 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

SR17V

Gas

	X% DC		X% AC		$\varnothing$ mm	$\longleftrightarrow$ m	$\triangle$ Kg
SR 17V	35%	140A	35%	125A	0,5-2,4mm	4/8m	0,55kg



Part No.	Description
81.02.005	TIG WELDING TORCH SR 17 V - L.4m - AIR COOLED
81.02.004	TIG WELDING TORCH SR 17 V - L.8m - AIR COOLED

SR26V

Gas

	X% DC		X% AC		$\varnothing$ mm	$\longleftrightarrow$ m	$\triangle$ Kg
SR 26V	35%	180A	35%	130A	0,5-4,0mm	4/8m	0,80kg



Part No.	Description
81.02.008	TIG WELDING TORCH SR 26 V - L.4m - AIR COOLED
81.02.009	TIG WELDING TORCH SR 26 V - L.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) Insulating ring
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)

Part No.	Description
	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)

Weld@Net Production Control Monitor

- 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



Weld@Net Production Control Monitor - Automation and robotics configuration

74.04.066	KIT SW WELD@NET PRODUCTION CONTROL MONITOR
71.02.204	RI XP INTERFACE
Total	

Weld@Net Production Control Monitor - Fixed work-station configuration

74.04.066	KIT SW WELD@NET PRODUCTION CONTROL MONITOR
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE
Total	

Accessories

74.04.066	KIT SW WELD@NET PRODUCTION CONTROL MONITOR
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

Weld@Net Production Monitor

- Manufacturing process monitoring
- Data logging
- Welding reports and WPS management
- Demo version available on request



Part No.	Description
Weld@Net Production Monitor - Automation and robotics configuration	
74.04.067	KIT SW WELD@NET PRODUCTION MONITOR
71.02.204	RI XP INTERFACE
Total	

Weld@Net Production Monitor - Fixed work-station configuration

74.04.067	KIT SW WELD@NET PRODUCTION MONITOR
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE
Total	

Accessories

74.04.067	KIT SW WELD@NET PRODUCTION MONITOR
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

Weld@Net Service Manager

- Welding system firmware/software updating
- Welding programs management
- Back-up/Restore data (set-up, sinergic programs, programs)



Suitcase kit

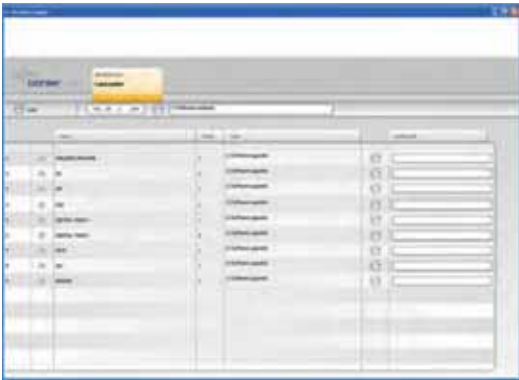
- Interface unit: RI OFFICE
- Input line cord: 6m
- Ethernet cable: 2m
- Ethernet cross cable: 2m
- Ethernet: TCP-IP
- CD: LAN LOADER
- Socket: CAN Bus
- Adapter: F/F



Part No.	Description
74.04.068	KIT WELD@NET SERVICE MANAGER

Weld@Net Service Loader

- Welding system firmware/software updating



Suitcase kit

- Interface unit: RI OFFICE
- Input line cord: 6m
- Ethernet cable: 2m
- Ethernet cross cable: 2m



Part No.	Description
74.04.069	KIT WELD@NET SERVICE LOADER

RI XP Interface

- Field bus: CAN Bus
- Ethernet: TCP-IP

		 mm l x w x h	 Kg
RI XP	24V	120x100x20mm	0,11kg

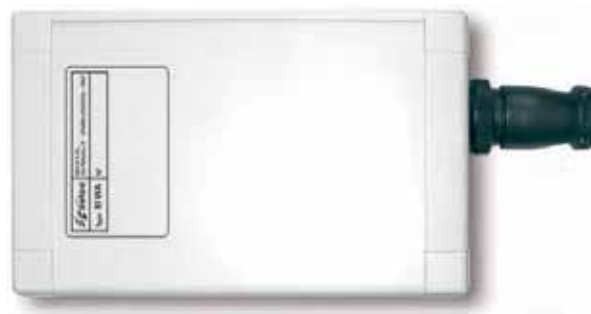


Part No.	Description
71.02.204	RI XP INTERFACE
71.02.054	POWER SOURCE-RI CONNECTION CABLE - L.5m
71.02.036	POWER SOURCE-RI CONNECTION CABLE - L.10m
71.02.055	POWER SOURCE-RI CONNECTION CABLE - L.15m
71.02.056	POWER SOURCE-RI CONNECTION CABLE - L.20m
71.02.157	POWER SOURCE-RI CONNECTION CABLE - L.25m

RI WA Interface

- Field bus: CAN Bus
- Ethernet: TCP-IP

		 mm l x w x h	 Kg
RI WA	24V	150x90x50mm	0,26kg



Part No.	Description
71.02.202	RI WA STANDARD I/O INTERFACE
71.02.205	CAN BUS CONNECTION CABLE

Cross reference - Weld@Net System

	Production monitor	Production control monitor	Service loader	Service manager	RI XP	RI WA
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, synergic programs, programs)				●		
Welding programs management				●		
T.MAP welding process management				●		
Certificated welding programs management (EN1090)				●		
Can bus	●	●	●	●	●	●
Ethernet	●	●	●	●	●	●

● = Included

RC18

- Analog communication

	 mm l x w x h	 Kg	 m
RC18	160x160x50mm	0,7kg	6m



Part No.	Description
71.02.195	REMOTE CONTROL UNIT RC18 - L.6m

RC 100

- CANBUS Digital communication

	 mm l x w x h	 Kg	 m
RC 100	130x85x60mm	0,7kg	6m



Part No.	Description
71.02.196	REMOTE CONTROL UNIT RC 100 - L.6m

RC 120

- CANBUS Digital communication

	 mm l x w x h	 Kg	 m
RC 120	260x125x160mm	2,2kg	6m



Part No.	Description
71.02.197	REMOTE CONTROL UNIT RC 120 - L.6m - FOOT

RC180

- CANBUS Digital communication

	 mm l x w x h	 Kg	 m
RC180	160x40x50mm	0,7kg	6m



Part No.	Description
71.02.198	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.19801	REMOTE CONTROL UNIT RC180 - L.10m
71.02.19804	REMOTE CONTROL UNIT RC180 - L.25m

RC 200

- CANBUS Digital communication

	 mm l x w x h	 Kg	
RC 200	170x70x35mm	0,7kg	6m



Part No.	Description
71.02.199	REMOTE CONTROL UNIT RC 200 - L.6m

RC 350

- CANBUS Digital communication

	 mm l x w x h	 Kg	
RC 350	200x150x90mm	1,4kg	6m



Part No.	Description
71.02.201	REMOTE CONTROL UNIT RC 350 - L.6m

Bracket KIT RC 350



Part No.	Description
74.04.065	RC BRACKET KIT

Cross reference - Remote control units

	RC18	RC100	RC120	RC180	RC200	RC350
Start push-button			●			
Welding current adjustment	●	●	●	●	●	●
Welding voltage adjustment					●	●
Analog adjustment of parameters	●					
Digital adjustment of parameters		●	●	●	●	●
Welding parameters digital display		●			●	●
Output current display		●			●	●
Output voltage display		●			●	●
7 segments LED display		●				●
LCD graphics display					●	●
Set up					●	●
Hanging device	●			●		●
Magnetic hanging device		●			●	

● = Included

WU 1000



		P		IP	 mm l x w x h	 Kg
WU 1000	48Vdc	0,6kW	2,0l	23S	480x190x180	8,8 kg

Part No.	Description
71.03.075	COOLING UNITWU1000
18.91.001	COOLANT CU10 (10kg)

WU 2000



		P		IP	 mm l x w x h	 Kg
WU 2000	360Vdc	1,0kW	3,0l	23S	660x240x220	12,0 kg

Part No.	Description
71.03.076	COOLING UNITWU 2000
74.90.066	WU FILTER KIT
24.02.007	WATER FILTER - SPARE
18.91.001	COOLANT CU10 (10kg)

WU 3000



		P		IP	 mm l x w x h	 Kg
WU 3000	360 Vdc	1,4 kW	5,5l	23S	705x305x250	12,0 kg

Part No.	Description
71.03.077	COOLING UNITWU 3000
74.90.066	WU FILTER KIT
24.02.007	WATER FILTER - SPARE
18.91.001	COOLANT CU10 (10kg)

WU 130



		P		IP	 mm l x w x h	 Kg
WU 130	48Vdc	0,7kW	2,0l	23S	480x190x180	8,8 kg

Part No.	Description
71.03.070	COOLING UNIT WU130
71.03.07001	COOLING UNIT WU130 WITH PRESSURE SWITCH
18.91.001	COOLANT CU10 (10kg)

WU 230



		P		IP	 mm l x w x h	 Kg
WU 230	1x400 Vac	1,0kW	3,0l	23S	660x240x220	12,0 kg

Part No.	Description
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
18.91.001	COOLANT CU10 (10kg)

WU 232



		P		IP	 mm l x w x h	 Kg
WU 232	1x230/400 Vac	1,0kW	3,0l	23S	660x240x220	13,4 kg

Part No.	Description
71.03.074	COOLING UNIT WU 232
74.90.066	WU FILTER KIT
24.02.007	WATER FILTER - SPARE
18.91.001	COOLANT CU10 (10kg)

WU 330



		P		IP	 mm l x W x h	 Kg
WU 330	1x400Vac	1,0kW	5,5l	23S	705x305x250	15,0 kg

Part No.	Description
71.03.072	COOLING UNITWU330
74.90.066	WU FILTER KIT
24.02.007	WATER FILTER - SPARE
18.91.001	COOLANT CU10 (10kg)

Water filter kit

Compatible with

- WU 2000
- WU 230
- WU 330
- WU 3000
- WU 232



Part No.	Description
74.90.066	WU FILTER KIT

Spare parts - water filter



Part No.	Description
24.02.007	WATER FILTER - SPARE

Connections kit



Part No.	Description
74.90.027	CONNECTIONSKIT

Coolant



Part No.	Description
18.91.001	COOLANT CU10 (10kg)

GT 150

		 mm l x w x h	 Kg
GT 150	—	665x430x198mm	10,5kg



Part No.	Description
71.03.085	POWER SOURCE TROLLEY GT 150

GT 200

		 mm l x w x h	 Kg
GT 200	—	525x545x1010mm	14,5kg



Part No.	Description
71.03.082	POWER SOURCE TROLLEY GT 200
71.03.051	BRACKET KIT GT 200 (1800 TLH - 180 TLH)

GT 250

		 mm l x w x h	 Kg
GT 250	—	800x400x120mm	18,0kg



Part No.	Description
71.03.084	POWER SOURCE TROLLEY GT 250
73.10.072	GT 25/250 WHEELS - UPGRADE KIT

GT 300

		 mm l x w x h	 Kg
GT 300	—	620x650x1050	27,5kg



Part No.	Description
71.03.083	POWER SOURCE TROLLEY GT 300

GT 350

		 mm l x w x h	 Kg
GT 350	—	593x640x1081mm	18,5kg



Part No.	Description
71.03.086	POWER SOURCE TROLLEY GT 350 (only for air cooled units)
71.03.054	TIG RODS HOLDER KIT (GT200-GT350)
71.03.093	CABLE SUPPORT KIT (GT400-GT500)
71.03.094	TORCHE/CABLE SUPPORT KIT (2 pieces) (GT400-GT500)

GT 400

		 mm l x w x h	 Kg
GT 400	—	580x1000x880mm	25,0kg



Part No.	Description
71.03.079	POWER SOURCE TROLLEY GT 400 TIG
71.03.091	LIFTING KIT (GT400-GT500)
71.03.093	CABLE SUPPORT KIT (GT400-GT500)
71.03.094	TORCHE/CABLE SUPPORT KIT (2 pieces) (GT400-GT500)
71.03.043	TIG RODS HOLDER KIT (GT400-GT500)

GT 400 WF

		 mm l x w x h	 Kg
GT 400WF	—	580x1000x960mm	26,0kg



Part No.	Description
71.03.078	POWER SOURCE TROLLEY GT 400 WF
71.03.091	LIFTING KIT (GT400-GT500)
71.03.093	CABLE SUPPORT KIT (GT400-GT500)
71.03.094	TORCHE/CABLE SUPPORT KIT (2 pieces) (GT400-GT500)
71.03.043	TIG RODS HOLDER KIT (GT400-GT500)

GT 500

		 mm l x w x h	 Kg
GT 500	—	620x1050x1000mm	29,0kg



Part No.	Description
71.03.081	POWER SOURCE TROLLEY GT 500 TIG
71.03.091	LIFTING KIT (GT400-GT500)
71.03.093	CABLE SUPPORT KIT (GT400-GT500)
71.03.094	TORCHE/CABLE SUPPORT KIT (2 pieces) (GT400-GT500)
71.03.043	TIG RODS HOLDER KIT (GT400-GT500)

GT 500 WF

		 mm l x w x h	 Kg
GT 500 WF	—	620x1050x1080mm	30,0kg



Part No.	Description
71.03.080	POWER SOURCE TROLLEY GT 500 WF
71.03.091	LIFTING KIT (GT400-GT500)
71.03.093	CABLE SUPPORT KIT (GT400-GT500)
71.03.094	TORCHE/CABLE SUPPORT KIT (2 pieces) (GT400-GT500)
71.03.043	TIG RODS HOLDER KIT (GT400-GT500)

GT 600

		 mm l x w x h	 Kg
GT 600	—	770x1120x980mm	57,0kg



Part No.	Description
	GT 600
71.03.087	POWER SOURCE TROLLEY GT 600
71.03.091	LIFTING KIT (GT400-GT500)
71.03.093	CABLE SUPPORT KIT (GT400-GT500)
71.03.094	TORCHE/CABLE SUPPORT KIT (2 pieces) (GT400-GT500)
71.03.043	TIG RODS HOLDER KIT (GT400-GT500)

GT 600 WF

		 mm l x w x h	 Kg
GT 600 WF	—	770x1120x1080mm	57,0kg



Part No.	Description
71.03.088	POWER SOURCE TROLLEY GT 600 WF
71.03.091	LIFTING KIT (GT400-GT500)
71.03.093	CABLE SUPPORT KIT (GT400-GT500)
71.03.094	TORCHE/CABLE SUPPORT KIT (2 pieces) (GT400-GT500)
71.03.043	TIG RODS HOLDER KIT (GT400-GT500)

GT 700

		 mm l x w x h	 Kg
GT 700	—	770x1120x980mm	58,0kg



Part No.	Description
71.03.089	POWER SOURCE TROLLEY GT 700
71.03.091	LIFTING KIT (GT400-GT500)
71.03.093	CABLE SUPPORT KIT (GT400-GT500)
71.03.094	TORCHE/CABLE SUPPORT KIT (2 pieces) (GT400-GT500)
71.03.043	TIG RODS HOLDER KIT (GT400-GT500)

GT 700 WF

		 mm l x w x h	 Kg
GT 700 WF	—	770x1120x1080mm	58,0kg



Part No.	Description
71.03.090	POWER SOURCE TROLLEY GT 700 WF
71.03.091	LIFTING KIT (GT400-GT500)
71.03.093	CABLE SUPPORT KIT (GT400-GT500)
71.03.094	TORCHE/CABLE SUPPORT KIT (2 pieces) (GT400-GT500)
71.03.043	TIG RODS HOLDER KIT (GT400-GT500)

Lifting kit

Part No.	Description
71.03.091	LIFTING KIT (GT400-GT500)

TIG rods holder kit

Part No.	Description
71.03.043	TIG RODS HOLDER KIT (GT400-GT500)

TIG rods holder kit

Part No.	Description
71.03.054	TIG RODS HOLDER KIT (GT200-GT350)

Utility tray and torch support kit

Part No.	Description
71.03.092	TRAY KIT – TORCH HOLDERS (GT400-GT500)

Torche/cable support kit

Part No.	Description
71.03.093	CABLE SUPPORT KIT (GT400-GT500)
71.03.094	TORCHE/CABLE SUPPORT KIT (2 pieces) (GT400-GT500)

Stick electrode holder + Welding cable



Part No.	Description
71.04.002	STICK ELECTRODE HOLDER - POWER CABLE 25mm ² - L.4m - PLUG 25mm ²
71.04.005	STICK ELECTRODE HOLDER - POWER CABLE 25mm ² - L.4m - PLUG 50mm ²
71.04.003	STICK ELECTRODE HOLDER - POWER CABLE 35mm ² - L.4m
71.04.004	STICK ELECTRODE HOLDER - POWER CABLE 50mm ² - L.4m
71.04.006	STICK ELECTRODE HOLDER - POWER CABLE 70mm ² - L.4m

Stick electrode holder



Part No.	Description
73.03.110	STICK ELECTRODE HOLDER 350A
73.03.010	STICK ELECTRODE HOLDER 200A

Earth cable



Part No.	Description
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



Part No.	Description
73.03.004	WORK CLAMP 500A
73.03.005	WORK CLAMP 650A
73.03.009	WORK CLAMP 200A

Current plug (cable)



Part No.	Description
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



Part No.	Description
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



Part No.	Description
20.02.011	SPOOL HOLDER

JOIN! voestalpine Böhler Welding

With over 100 years of experience, voestalpine Böhler Welding is the global top address for the daily challenges in the areas of joint welding, repair, hardfacing and cladding as well as brazing. Customer proximity is guaranteed by more than 43 subsidiaries in 25 countries, with the support of 2,300 employees, and through more than 2,000 distribution partners worldwide. With individual consultation by our application technicians and welding engineers, we make sure that our customers master the most demanding welding challenges. voestalpine Böhler Welding offers three specialized and dedicated brands to cater our customers' and partners' requirements.



Lasting Connections – As a pioneer in innovative welding consumables, Böhler Welding offers a unique product portfolio for joint welding worldwide. More than 2000 products are adapted continuously to the current industry specifications and customer requirements, certified by well-respected institutes and thus approved for the most demanding welding applications. As a reliable partner for customers, "lasting connections" are the brand's philosophy in terms of both welding and people.



Tailor-Made Protectivity™ – UTP Maintenance ensures an optimum combination of protection and productivity with innovative and tailor-made solutions. Everything revolves around the customer and their individual requirements. That is expressed in the central performance promise: Tailor-Made Protectivity™.



In-Depth Know-How – As a leading brand of soldering and brazing consumables, Fontargen Brazing offers proven solutions based on 50 years of industrial experience, tried and tested processes and methods. This In-Depth Know-How has made Fontargen Brazing an internationally preferred partner for every soldering and brazing task.

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



