



NEW



Welding process

- MMA stick welding
- TIG DC Lift and HF start welding

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 (Selco patented 3-level technology)
- Heavy duty and environmental conditions, high service life
- Selco 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 all types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Synergic setting for optimal stick welding with all 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
- Dinse connector, 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
Quasar 320 TLH	3x400V MMA	25A	15,9kVA 10,9kW	40°C	50%	300A	0,68	3-320A	61V	23S	620x240x460mm	20,5kg
				40°C	60%	290A						
				40°C	100%	250A						
				25°C	80%	300A						
				25°C	100%	290A						
Quasar 400 TLH	3x400V TIG	25A	15,9kVA 10,9kW	40°C	60%	320A	0,68	3-320A	61V	23S	620x240x460mm	20,5kg
				40°C	100%	280A						
				25°C	70%	320A						
				25°C	100%	290A						
Quasar 400 TLH	3x400V MMA	25A	18,6kVA 13,4kW	40°C	60%	350A	0,72	3-320A	61V	23S	620x240x460mm	22,5kg
				40°C	100%	290A						
				40°C	100%	350A						
				25°C	100%	350A						
				25°C	100%	350A						
	3x400V TIG	25A	18,6kVA 13,4kW	40°C	50%	400A	0,72	3-320A	61V	23S	620x240x460mm	22,5kg
				40°C	60%	380A						
				40°C	100%	340A						
				25°C	80%	400A						
				25°C	100%	360A						

Cooling unit

		P		IP	mm l x w x h	Kg
WU 230	1x400V	1,0kW	3,0l	23S	660x240x220mm	12,0kg

Part No.	Description
Quasar 320 TLH - TIG welding configuration - Gas	
55.17.002	QUASAR 320 TLH 3X400V
81.32.155	TIG WELDING TORCH ST2200 - L.4m - AIR COOLED
71.05.025	WORK CABLE - 50mm ² - L.4m
72.01.003	PRESSURE LIMITER WITH FLOWMETER
Quasar 320 TLH - TIG welding configuration - Water	
55.17.002	QUASAR 320 TLH 3X400V
71.03.035	COOLING UNIT WU 230
81.32.255	TIG WELDING TORCH ST4000 - L.4m - LIQUID COOLED
71.05.025	WORK CABLE - 50mm ² - L.4m
72.01.003	PRESSURE LIMITER WITH FLOWMETER
Quasar 400 TLH - TIG welding configuration - Gas	
55.17.003	QUASAR 400 TLH 3X400V
81.32.155	TIG WELDING TORCH ST2200 - L.4m - AIR COOLED
71.05.030	WORK CABLE - 70mm ² - L.4m
72.01.003	PRESSURE LIMITER WITH FLOWMETER
Quasar 400 TLH - TIG welding configuration - Water	
55.17.003	QUASAR 400 TLH 3X400V
71.03.035	COOLING UNIT WU 230
81.32.255	TIG WELDING TORCH ST4000 - L.4m - LIQUID COOLED
71.05.030	WORK CABLE - 70mm ² - L.4m
72.01.003	PRESSURE LIMITER WITH FLOWMETER
Accessories	
Remote control unit	
71.02.400	REMOTE CONTROL UNIT RC 100 - L.6m
71.02.500	REMOTE CONTROL UNIT RC 120 - L.6m - FOOT
71.02.023	REMOTE CONTROL UNIT RC 180 - L.6m
71.02.200	REMOTE CONTROL UNIT RC 200 - L.6m
Cooling unit	
71.03.035	COOLING UNIT WU 230
18.91.001	ANTIFREEZING LIQUID (10kg)
Torch	
81.32.155	TIG WELDING TORCH ST2200 - L.4m - AIR COOLED
81.32.156	TIG WELDING TORCH ST2200 - L.8m - AIR COOLED
81.32.153	TIG WELDING TORCH ST2200 U/D - L.4m - AIR COOLED
81.32.154	TIG WELDING TORCH ST2200 U/D - L.8m - AIR COOLED
81.32.255	TIG WELDING TORCH ST4000 - L.4m - LIQUID COOLED
81.32.256	TIG WELDING TORCH ST4000 - L.8m - LIQUID COOLED
81.32.253	TIG WELDING TORCH ST4000 U/D - L.4m - LIQUID COOLED
81.32.254	TIG WELDING TORCH ST4000 U/D - L.8m - LIQUID COOLED
73.12.019	TIG TORCH CONNECTION KIT
Stick electrode holder	
71.04.020	STICK ELECTRODE HOLDER - POWER CABLE 35mm ² - L.4m
71.04.021	STICK ELECTRODE HOLDER - POWER CABLE 50mm ² - L.4m
71.04.022	STICK ELECTRODE HOLDER - POWER CABLE 70mm ² - L.4m
Earth cable	
71.05.020	WORK CABLE - 35mm ² - L.4m
71.05.025	WORK CABLE - 50mm ² - L.4m
71.05.030	WORK CABLE - 70mm ² - L.4m
Power source trolley	
71.03.02801	POWER SOURCE TROLLEY GT 500 TIG
Other	
72.01.003	PRESSURE LIMITER WITH FLOWMETER
72.04.001	ARGON-CO2 GAS FITTING