



Welding process

- MIG/MAG short spray manual arc welding
- MIG/MAG short spray synergic arc welding

Materials

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

Applications

- Light job shop fabrication
- Medium-heavy job shop fabrication
- Heavy job shop fabrication
- Building sites
- Plants machinery construction
- Railway industry
- Machine and apparatus construction
- Automobile industry
- Repair and overhaul
- Workshops
- Sheet metal working



Technical features

- Extremely rugged, reliable and easy-to-use systems
- High power at 100% of duty cycle
- Heavy duty and enviromental conditions, high service life
- High temperature, shockproof, abrasion resistant plastic case
- Excellent performances also with long power supply extension cables
- 230V power supply socket for preheater
- 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
- Multiple output choke selection
- 2/4 step operating mode
- Perfect arc ignition (soft start - motor slope)
- Burn-back and droplet detachment correction
- Synergic operations from databank (12 pre-set programs)
- Spot welding mode
- Intermittent welding mode
- Euro adaptor - MIG/MAG torch compatible
- Selco WU cooling unit compatible





Power source

			P	X%				I₂	U_o	IP	mm l x w x h	
Neomig 3500XP	3x230V	35A	16,6kVA 15,0kW	40°C	35%	350A	3x10	30-380A	50V	21S	1060x400x780mm	123,0kg
				40°C	60%	300A						
				40°C	100%	240A						
				25°C	40%	350A						
				25°C	60%	320A						
				25°C	100%	260A						
Neomig 4500XP	3x230V	50A	24,0kVA 22,9kW	40°C	40%	450A	3x10	30-480A	50V	21S	1060x400x780mm	139,0kg
				40°C	60%	370A						
				40°C	100%	300A						
				25°C	45%	450A						
				25°C	60%	390A						
				25°C	100%	320A						
	3x400V	20A	16,6kVA 15,0kW	40°C	35%	350A	3x10	30-380A	50V	21S	1060x400x780mm	123,0kg
				40°C	60%	300A						
				40°C	100%	240A						
				25°C	40%	350A						
				25°C	60%	320A						
				40°C	100%	260A						
	3x400V	30A	24,0kVA 22,9kW	40°C	40%	450A	3x10	30-480A	50V	21S	1060x400x780mm	139,0kg
				40°C	60%	370A						
				40°C	100%	300A						
				25°C	45%	450A						
				25°C	60%	390A						
				25°C	100%	320A						

Wirefeeder

	P	ϕ (m/min)	ϕ mm		ϕ mm	ϕ		
Neomig 3500XP SL 4R-1T (v.2R)	90W	1,5-22,0m/min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,6-1,6mm ○ A 0,8-1,6mm ○ Z 1,2-2,4mm ○	●	●	






Wirefeeder

	P	ϕ _(m/min)	ϕ _{mm}		\emptyset mm	ϕ		
Neomig 4500XP SL 4R-1T (v.2R)	90W	1,5-18m/min	200/300mm	2 ● 4 ○	1,0/1,2mm ● 0,6-1,6mm ○ A 0,8-1,6mm ○ Z 1,2-2,4mm ○	●	●	

● = Included ○ = Optional

A = Aluminum Z = Cored

Cooling unit

		P		IP	 mm l x w x h	 Kg
WU 22	1x230V	1,0kW	4,0l	23S	250x150x700mm	16,0kg

Part No. **Description****Neomig 3500XP - MIG/MAG welding configuration - Gas**

51.06.027	NEOMIG 3500 XP 230/400V 2 ROLLERS
71.05.025	WORK CABLE - 50mm ² - L.4m
81.01.031	MIG/MAG WELDING TORCH MB 26 KD - L.4m - AIR COOLED
72.01.001	PRESSURE LIMITER WITH PREHEATER AND FLOWMETER

Neomig 3500XP - MIG/MAG welding configuration - Water

51.06.027	NEOMIG 3500 XP 230/400V 2 ROLLERS
71.03.022	COOLING UNIT WU 22
71.05.025	WORK CABLE - 50mm ² - L.4m
81.01.061	MIG/MAG WELDING TORCH MB 501 D - L.4m - LIQUID COOLED
72.01.001	PRESSURE LIMITER WITH PREHEATER AND FLOWMETER

Neomig 4500XP - MIG/MAG welding configuration - Gas

51.06.028	NEOMIG 4500 XP 230/400V 2 ROLLS
71.05.030	WORK CABLE - 70mm ² - L.4m
81.01.041	MIG/MAG WELDING TORCH MB 36 KD - L.4m - AIR COOLED
72.01.001	PRESSURE LIMITER WITH PREHEATER AND FLOWMETER

Neomig 4500XP - MIG/MAG welding configuration - Water

51.06.028	NEOMIG 4500 XP 230/400V 2 ROLLS
71.03.022	COOLING UNIT WU 22
71.05.030	WORK CABLE - 70mm ² - L.4m
81.01.061	MIG/MAG WELDING TORCH MB 501 D - L.4m - LIQUID COOLED
72.01.001	PRESSURE LIMITER WITH PREHEATER AND FLOWMETER

Accessories**Torch**

81.01.031	MIG/MAG WELDING TORCH MB 26 KD - L.4m - AIR COOLED
81.01.041	MIG/MAG WELDING TORCH MB 36 KD - L.4m - AIR 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

Earth cable

71.05.025	WORK CABLE - 50mm ² - L.4m
71.05.030	WORK CABLE - 70mm ² - L.4m

Cooling unit

71.03.022	COOLING UNIT WU 22
18.91.001	ANTIFREEZING LIQUID (10kg)

Wirefeeder

07.01.507	UPGRADE KIT FROM 2 ROLLS (1 ROLL DRIVE) TO 4 ROLLS (2 ROLLS DRIVE)
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Other

72.01.001	PRESSURE LIMITER WITH PREHEATER AND FLOWMETER
72.01.007	PRESSURE LIMITER - IT
72.04.001	ARGON-CO2 GAS FITTING