

MIG MACHINES



Metal Inert Gas (MIG) welding, also referred to as metal active gas (MAG) is an automatic or semi-automatic process in which a wire connected to a source of direct current acts as an electrode to join two pieces of metal as it is continuously passed through a welding gun. A flow of an inert (argon) gas or active gas (CO_2) (depending on the type of steel), is also passed through the welding gun at the same time as the wire.



This gas acts as a shield, keeping airborne contaminants away from the weld zone. The primary advantage of MIG welding is that it allows metal to be welded much more quickly than traditional "stick welding" techniques. This makes it ideal for fabrication work.



MIG machines



MIG 200W

Manufactured to the highest standards using cutting edge Mosfet Technology

- Internal 2 wheel Wirefeed system
- DC current output • Suitable for MIG welding only
- Stepless Voltage control • Ideal for fabrication work
- Ideal for light duty aluminium welding with a spool gun
- Excellent welding Characteristics
- Light weight and portable
- Less power consumption
- Robust construction
- DIY to Light engineering



MIG
WELDING

DC
DIRECT CURRENT

1

MAX 15KG INSIDE

MAX 15KG INSIDE

SPOOL GUN COMPATIBLE

USE WITH GAS



Included

Optional Extras



MB 15 TORCH



EARTH CABLE



ARGON FLOWMETER



MIG SPOOL GUN SB 8

TECHNICAL SPECIFICATIONS	OUTPUT			INPUT		GENERAL					
	A AMPERAGE	DUTY CYCLE	OCV OPEN CIRCUIT VOLTAGE	V VOLTAGE	A AMPERAGE	MAX STEEL THICKNESS	Φ SOLID WIRE DIAMETER	Φ FLUX CORED WIRE DIAMETER	IP	h W I	kg
MIG200W	200	60% @ 200 amps	24	220V +/- 15% 50/60Hz	37.4	0.8mm to 7.0mm	0.8mm to 1.0mm	—	21	I-585 w-335 h-610	26





MIG machines

MIG 250A

Inverter series is manufactured to the highest standards using cutting edge Mosfet Technology.

- Internal 2 wheel Wirefeed system
- DC current output • Suitable for MIG welding
- Stepless Voltage control
- Ideal for light duty aluminium welding with a spool gun
- Ideal for fabrication work
- Excellent welding Characteristics
- Light weight and portable
- Less power consumption
- Robust construction
- Semi-Industrial
- Can carry GAS bottle



Included

Optional Extras



MB 25 TORCH



EARTH CABLE



ARGON FLOWMETER



MIG SPOOL GUN SB 8

TECHNICAL SPECIFICATIONS	OUTPUT			INPUT		GENERAL					
	A AMPERAGE	DUTY CYCLE	OCV OPEN CIRCUIT VOLTAGE	V VOLTAGE	A AMPERAGE	MAX STEEL THICKNESS	Φ SOLID WIRE DIAMETER	Φ FLUX CORED WIRE DIAMETER	IP	W h	kg
MIG250SA	250	60% @ 250 amps	26.5	220V +- 15% 50/60Hz	51.6	0.8mm to 10mm	0.8mm to 1.0mm	—	21	I-830 w-380 h-680	62



MIG 325C

Manufactured to the highest standards using Step controlled Transformer Technology

- Internal 4 wheel Wirefeed system
- DC current output
- Suitable for MIG welding
- Stepless Wire speed control
- 10 position voltage control
- Ideal for fabrication work
- Excellent welding Characteristics
- Less power consumption
- Robust construction
- Industrial
- Can carry GAS bottle



Included



MB 36 TORCH



EARTH CABLE



ARGON FLOWMETER

TECHNICAL SPECIFICATIONS	OUTPUT			INPUT		GENERAL					
	A AMPERAGE	DUTY CYCLE	OCV OPEN CIRCUIT VOLTAGE	V VOLTAGE	A AMPERAGE	MAX STEEL THICKNESS	Φ SOLID WIRE DIAMETER	Φ FLUX CORED WIRE DIAMETER	IP	W h mm	kg
MIG325C	320	60% @ 320 amps	17-38	380V +- 15% 50/60Hz	20	1.0mm to 16mm	0.8mm to 1.2mm	—	21S	I-960 w-450 h-920	110



MIG machines

MIG 365S

Manufactured to the highest standards using Step controlled Transformer Technology

- External 4 wheel Wirefeed system
- DC current output
- Suitable for MIG welding
- Stepless Wire speed control
- 30 position voltage control
- Ideal for fabrication work
- Excellent welding Characteristics
- Less power consumption
- Robust construction
- Industrial
- Can carry GAS bottle



Included



MB 36 TORCH



EARTH CABLE



4mt CONNECTION CABLE



ARGON FLOWMETER

TECHNICAL SPECIFICATIONS	OUTPUT			INPUT		GENERAL					
	A AMPERAGE	DUTY CYCLE	OCV OPEN CIRCUIT VOLTAGE	V VOLTAGE	A AMPERAGE	MAX STEEL THICKNESS	SOLID WIRE DIAMETER	FLUX CORED WIRE DIAMETER	IP	W h I	kg
MIG365S	350	60% @ 350 amps	17-40	380V +- 15% 50/60Hz	23	1.6mm to 20mm	0.9mm to 1.2mm	1.0mm to 1.6mm	21S	I-1040 w-450 h-936	130

MIG machines



MIG 505S & 500SD

Manufactured to the highest standards using Step controlled Transformer Technology

- Available in single or dual voltage
- External 4 wheel Wirefeed system
- DC current output
- Suitable for MIG welding
- Stepless Wire speed control
- 30 position voltage control
- Ideal for fabrication work
- Excellent welding Characteristics
- Less power consumption
- Robust construction
- Industrial
- Can carry GAS bottle



Included



MB 40 TORCH



EARTH CABLE

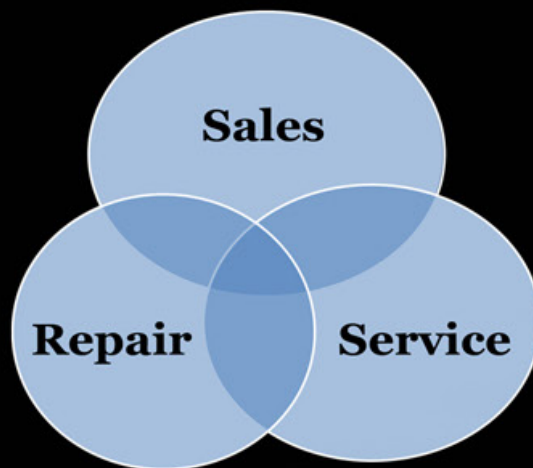


4mt CONNECTION CABLE



ARGON FLOWMETER

TECHNICAL SPECIFICATIONS	OUTPUT			INPUT		GENERAL					
	A AMPERAGE	DUTY CYCLE	OCV OPEN CIRCUIT VOLTAGE	V VOLTAGE	A AMPERAGE	MAX STEEL THICKNESS	Φ SOLID WIRE DIAMETER	Φ FLUX CORED WIRE DIAMETER	IP	W h I	kg
MIG505S	500	60% @ 500 amps	17-52	380V +/- 15% 50/60Hz	41	2.0mm to >20mm	1.0mm to 1.6mm	1.0mm to 3.2mm	21S	I-1060 w-450 h-936	155
MIG 505SD	500	60% @ 500 amps	17-52	380-525V +/- 15% 50/60Hz	47-32	2.0mm to >20mm	1.0mm to 1.6mm	1.0mm to 3.2mm	21S	I-1060 w-450 h-936	158



PLASONIC

WELDING & INDUSTRIAL SUPPLIES

Head Office:

**9 Spekvreter Street, Glen Marais, Kempton Park
Box 3156, Kempton Park, 1620
Tel: 011 393 3921/2 * Fax: 011 393 2870
clifford@plasonicwelding.co.za**

Durban Branch:

**6B Leeukop Road, Westmead, Pinetown
Box 3156, Kempton Park, 1620
Tel: 031 822 - 3921
clifford@plasonicwelding.co.za**

www.plasonicwelding.co.za