



MMA MACHINES

Manual metal arc (MMA) welding, also known as **stick welding**, is a manual arc welding process that uses a consumable electrode coated in flux to lay the weld. An electric current, in the form of either alternating current (AC) or direct current (DC) from a welding power supply, is used to form an electric arc between the electrode and the metals to be joined. As the weld is laid, the flux coating of the electrode disintegrates, giving off vapours that serve as a shielding gas and providing a layer of slag, both of which protect the weld area from atmospheric contamination.

Because of the versatility of the process and the simplicity of its equipment and operation, manual metal arc welding is one of the world's most popular welding processes.



MMA machines

MMA 160S & 200S

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

- DC current output
- Suitable for MMA & Argon TIG welding
- Excellent welding characteristics
- Light weight and portable
- Less power consumption
- Robust construction
- Industrial



Included

Optional Extras



HAND SHIELD



WELDING CABLE SET



SR17V TIG TORCH



ARGON FLOWMETER

TECHNICAL SPECIFICATIONS	OUTPUT				INPUT			GENERAL			
	A AMPERAGE	V VOLTAGE	DUTY CYCLE	OCV OPEN CIRCUIT VOLTAGE	V VOLTAGE	A AMPERAGE	P GEN	Φ MIN MAX ELECTRODE	IP	h w h	kg
MMA160S	20-160	26.2	60% @ 160 amps	20	220V +- 15% 50/60Hz	24.5	6.8Kw	1.6mm 3.2mm	21	I-230 w-142 h-315	5.6
MMA200S	20-200	27.6	60% @ 200 amps	20	220V +- 15% 50/60Hz	31.6	7.5Kw	1.6mm 4.0mm	21	I-247 w-162 h-364	6.8

MMA machines



DIGITEC 200

Inverter series is manufactured to the highest standards using advanced IGBT Technology.

- DC current output
- Suitable for MMA & Argon TIG Welding.
- Excellent welding characteristics
- Light weight and portable
- Less power consumption
- Robust construction
- D.I.Y to light Engineering



Included



HAND SHIELD



WELDING CABLE SET



SR17V TIG TORCH



ARGON FLOWMETER

Optional Extras

TECHNICAL SPECIFICATIONS	OUTPUT				INPUT			GENERAL			
	A AMPERAGE	V VOLTAGE	DUTY CYCLE	OCV OPEN CIRCUIT VOLTAGE	V VOLTAGE	A AMPERAGE	P GEN	Φ MIN MAX ELECTRODE	IP	h w h	kg
DIGITEC 200	30-180	27	60% @ 180 amps	20	220V +/- 15% 50/60Hz	29.5	7.5Kw	1.6mm 4.0mm	21	I-220 w-135 h-350	6.25





MMA machines

ARC 250S

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

- DC current output
- ARC force control
- Suitable for MMA & Argon TIG Welding
- Excellent welding Characteristics
- Light weight and portable
- Less power consumption
- Available in single or three phase
- Robust construction
- Industrial



Included

Optional Extras



HAND SHIELD



WELDING CABLE SET



SR26V TIG TORCH



ARGON FLOWMETER

TECHNICAL SPECIFICATIONS	OUTPUT				INPUT			GENERAL			
	A AMPERAGE	V VOLTAGE	DUTY CYCLE	OCV OPEN CIRCUIT VOLTAGE	V VOLTAGE	A AMPERAGE	P GEN	Φ MIN MAX ELECTRODE	IP	h W h h	kg
ARC250S	30-250	30	60% @ 250 amps	62	220V +- 15% 50/60Hz	58.4	-	2.0mm 6.0mm	21	I-720 w-255 h-420	17
ARC250S	30-250	30	60% @ 250 amps	62	380V +- 15% 50/60Hz	14.4	-	2.0mm 6.0mm	21	I-720 w-255 h-420	17

MMA machines



ARC 400S

Inverter series is manufactured to the highest standards using cutting edge PWM & IGBT Technology.

- DC current output
- ARC force control • Hot start control
- Suitable for MMA, Gouging & Argon TIG Welding
- Excellent welding Characteristics
- Less power consumption
- Robust construction
- Industrial



Included

Optional Extras



WELDING CABLE SET



K4 GOUGING TORCH



SR26V TIG TORCH



ARGON FLOWMETER

TECHNICAL SPECIFICATIONS	OUTPUT				INPUT			GENERAL			
	A AMPERAGE	V VOLTAGE	DUTY CYCLE	OCV OPEN CIRCUIT VOLTAGE	V VOLTAGE	A AMPERAGE	P GEN	Φ MIN MAX ELECTRODE	IP	h w h	kg
ARC400S	20-400	36	60% @ 400 amps	68	380V +/- 15% 50/60Hz	47.9	-	2.0mm 6.0mm	21	I-515 w-263 h-440	28





MMA machines

ARC 500SH & 600SH

Inverter series is manufactured to the highest standards using cutting edge PWM & IGBT Technology.

- DC current output
- Suitable for MMA, Gouging & Argon Welding
- Excellent welding Characteristics
- Dual Voltage 380 – 525 volts
- Less power consumption
- Robust construction
- Industrial



Included

Optional Extras



WELDING CABLE SET



K4 GOUGING TORCH

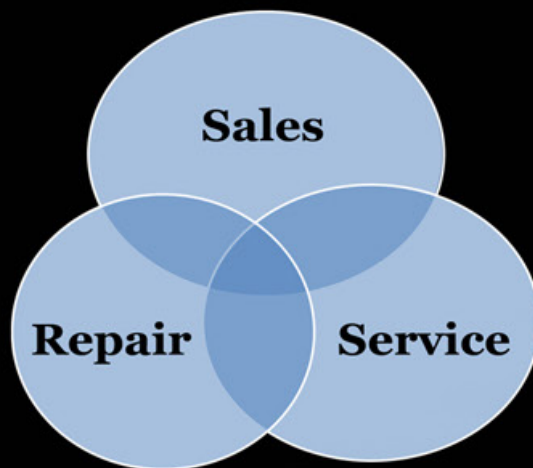


SR26V TIG TORCH



ARGON FLOWMETER

TECHNICAL SPECIFICATIONS	OUTPUT				INPUT			GENERAL			
	A AMPERAGE	V VOLTAGE	DUTY CYCLE	OCV OPEN CIRCUIT VOLTAGE	V VOLTAGE	A AMPERAGE	P GEN	Φ MIN MAX ELECTRODE	IP	h W h	kg
ARC500SH	40-500	40	60% @ 500 amps	70-85	380-525V +- 15% 50/60Hz	38-27	-	2.5mm 6.0mm	21	I-865 w-385 h-680	67
ARC600SH	40-600	44	60% @ 600 amps	70-85	380-525V +- 15% 50/60Hz	50-36	-	2.5mm 6.0mm	21	I-865 w-385 h-680	67



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