

PLASMA MACHINES

Plasma cutting is a process that is used to cut most types steels and alloys using a plasma machine & compressed air. The principle of plasma cutting is based on the ionisation of air which is forced through a small orifice (the cutting tip) and air electrode. An electric charge combined with the ionised air creates the cutting arc (plasma).

Plasma is an effective means of cutting thin and thick materials alike. Hand-held torches can usually cut up to 50 mm thick steel plate, depending on the size of the machine.

PLASMA machines



CUT 40H

Manufactured to the highest standards using cutting edge PWM & Mosfet Technology.

- DC current output
- Suitable Cutting Mild, Stainless, Aluminium, Brass & Copper
- Built in water trap • Compressor Required Min 50ℓ
- Excellent Cutting Characteristics
- Less power consumption
- Robust construction
- Industrial



Included



PT 31 TORCH



EARTH CABLE

TECHNICAL SPECIFICATIONS	OUTPUT			INPUT		GENERAL					
	A AMPERAGE	DUTY CYCLE	OCV OPEN CIRCUIT VOLTAGE	V VOLTAGE	A AMPERAGE	MAX STEEL THICKNESS	HF START	PRESSURE	IP	W h I	kg
CUT 40H	40	60% @ 40 amps	230	220V +/- 15% 50/60Hz	30	0.6mm to 12mm	TOUCH START	4.5 bar to 5.5 bar	21	I-485 w-195 h-320	9





PLASMA machines

CUT 60H

Manufactured to the highest standards using cutting edge PWM & Mosfet Technology.

- DC current output
- Suitable Cutting Mild, Stainless, Aluminium, Brass & Copper
- Built in water trap • Compressor Required Min 100ℓ
- Excellent Cutting Characteristics
- Less power consumption
- Robust construction
- Industrial



Included



P 60 TORCH



EARTH CABLE

TECHNICAL SPECIFICATIONS	OUTPUT			INPUT		GENERAL					
	A AMPERAGE	DUTY CYCLE	OCV OPEN CIRCUIT VOLTAGE	V VOLTAGE	A AMPERAGE	MAX STEEL THICKNESS	HF START	PRESSURE	IP	W h I	kg
CUT 60H	60	60% @ 60 amps	295	380V +- 15% 50/60Hz	12	1.0mm to 20mm	UNTOUCHED	4.5 bar to 5.5 bar	21	I-450 w-190 h-345	19

PLASMA machines



CUT 100H

Manufactured to the highest standards using cutting edge PWM & IGBT Technology.

- DC current output
- Suitable Cutting Mild, Stainless, Aluminium, Brass & Copper
- Built in water trap • Compressor Required Min 100ℓ
- Excellent Cutting Characteristics
- Less power consumption
- Robust construction
- Industrial



Included



P 80 TORCH



EARTH CABLE

TECHNICAL SPECIFICATIONS	OUTPUT			INPUT		GENERAL					
	A AMPERAGE	DUTY CYCLE	OCV OPEN CIRCUIT VOLTAGE	V VOLTAGE	A AMPERAGE	MAX STEEL THICKNESS	HF START	PRESSURE	IP	W h mm	kg
CUT 100H	100	60% @ 100 amps	268	380V +/- 15% 50/60Hz	23.1	1.0mm to 30mm	UNTOUCHED	4.5 bar to 5.5 bar	21	I-635 w-455 h-515	32.8





PLASMA machines

CUT 120H

Manufactured to the highest standards using cutting edge PWM & IGBT Technology.

- DC current output
- Suitable Cutting Mild, Stainless, Aluminium, Brass & Copper
- Built in water trap • Compressor Required Min 100ℓ
- Excellent Cutting Characteristics
- Less power consumption
- Robust construction
- Industrial



Included



A141 TORCH



EARTH CABLE

TECHNICAL SPECIFICATIONS	OUTPUT			INPUT		GENERAL					
	A AMPERAGE	DUTY CYCLE	OCV OPEN CIRCUIT VOLTAGE	V VOLTAGE	A AMPERAGE	MAX STEEL THICKNESS	HF START	PRESSURE	IP	W h	kg
CUT 120H	120	60% @ 120 amps	300-400	380V +- 15% 50/60Hz	29.5	1.0mm to 40mm	UNTOUCHED	4.5 bar to 5.5 bar	21	I-685 w-445 h-615	41

PLASMA machines



CUT 160H

Manufactured to the highest standards using cutting edge PWM & IGBT Technology.

- DC current output
- Suitable Cutting Mild, Stainless, Aluminium, Brass & Copper
- Built in water trap • Compressor Required Min 100%
- Excellent Cutting Characteristics
- Less power consumption
- Robust construction
- Industrial



Included



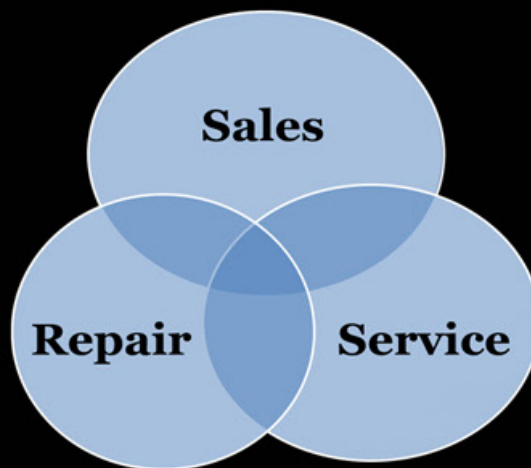
A151 TORCH



EARTH CABLE

TECHNICAL SPECIFICATIONS	OUTPUT			INPUT		GENERAL					
	A AMPERAGE	DUTY CYCLE	OCV OPEN CIRCUIT VOLTAGE	V VOLTAGE	A AMPERAGE	MAX STEEL THICKNESS	HF START	PRESSURE	IP	W h I	kg
CUT 160H	160	60% @ 160 amps	300-400	380V +/- 15% 50/60Hz	44.3	1.0mm to 50mm	UNTOUCHED	5.5 bar to 6.5 bar	21	I-775 w-415 h-725	56





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