CUTMASTER TRUE: Features and Benefits

All user controls are conveniently located on the front panel.

TRUE GUARD™ roll bar provides easy transportation and protects the front and rear of the power supply for unmatched durability.

(Only applies to Cutmaster Manual)

Colour Coded LEDs indicate pressure status and set-up errors.

Trigger Latch feature prevents hand fatigue during long cuts.

Auto Pilot Restart feature instantly re-ignites the pilot arc while cutting expanded metals.

Convenient storage compartment for spare and consumable parts.

Superior Cutting Performance

SureLok™ Electrode Technology
The innovative, patented electrode self-locking mechanism eliminates the need for an installation tool and ensures that the electrode and tip will be in perfect alignment. Both the electrode and tip are stationary which results in a well defined arc and precise cuts. This perfect alignment also means longer tip and electrode life, reducing operating costs.

Start Cartridge
This unique design allows the pilot arc to start without moving consumable parts, resulting in better parts life & cut performance.

Precision Engineered Torch Tips
1Torch introduces a completely new tip technology. Each tip is uniquely tuned to optimise cut performance at its rated cutting current. The result is precision gas management, longer consumable parts life and better cut performance across the entire range of 1Torch tips.
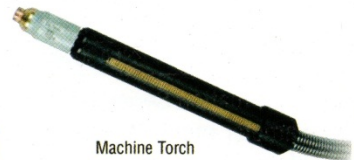
Two Choices in Shield Cups
We offer two styles of shield cups to suit your cutting style:

- An Extended Tip for greater visibility, control and precision drag cutting at low power.

- A Protected Tip for on-the-plate drag cutting at high power up to 80 amps.

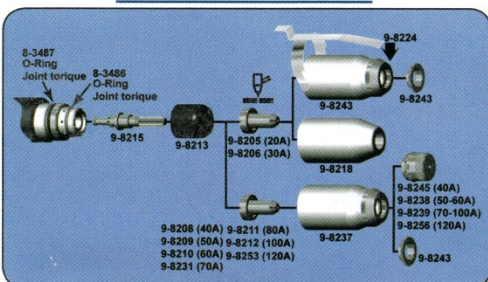**Multiple Torch Capability** (Hand, Mechanised, Automation)

Hand Torch

Machine Torch

CONSUMABLES

8-3487 O-Ring Joint torique
8-3486 O-Ring Joint torique
9-8215
9-8213
9-8205 (20A) 9-8206 (30A)
9-8224
9-8243
9-8243
9-8218
9-8245 (40A) 9-8238 (50-60A) 9-8239 (70-100A) 9-8256 (120A)
9-8208 (40A) 9-8211 (80A) 9-8209 (50A) 9-8212 (100A) 9-8210 (60A) 9-8253 (120A) 9-8231 (70A)
9-8237
9-8243

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CUTMASTER®

	CUTMASTER 12	CUTMASTER 20	CUTMASTER 25	CUTMASTER 35	CUTMASTER 40
Part No.	1-4200-6	1-1130-3	1-1330-3	1-1730-3	1-1930-3
Cutting Data	Genuine 12 mm - Severance 15 mm Pierce 6 mm	Genuine 20 mm Maximum 25 mm Severance 32 mm Pierce 12 mm	Genuine 25 mm Maximum 30 mm Severance 38 mm Pierce 15 mm	Genuine 35 mm Maximum 40 mm Severance 45 mm Pierce 20 mm	Genuine 40 mm Maximum 50 mm Severance 55 mm Pierce 25 mm
Input Power	220V/ 1ph/50Hz, 15 Amps	380V/ 3ph/50Hz, 16 Amps	380V/3ph/50Hz, 20 Amps	380V/3ph/50Hz, 26 Amps	380V/3ph/50Hz, 28 Amps
Duty Cylce	40Amps@40%	60Amps@40%	80Amps@40%	100Amps@80%	120Amps@80%
Torch Model	SL60™ 1Torch	SL60™ 1Torch	SL60™ 1Torch	SL100™ 1Torch	SL100™ 1Torch
Air Pressure	4.6 bar	4.6 bar	4.8 bar	4.8 bar	4.8 bar
Air Flow	142 lpm	165 lpm	212 lpm	212 lpm	212 lpm
Weight	14 kg	19.5 kg	19.5 kg	28.1 kg	28.1 kg

CUTMASTER®
Automation Series

	CUTMASTER A40	CUTMASTER A60	CUTMASTER A80	CUTMASTER A120
Rated Output	40 amps	60 amps	80 amps	120 amps
Production Piercing	1/4" (6 mm)	3/8" (10 mm)	1/2" (12 mm)	5/8 " (15 mm)
Maximum Piercing	1/2" (12 mm)	5/8" (15 mm)	3/4" (20 mm)	3/4" (20 mm)
Maximum Edge Start	1" (25 mm)	1" (25 mm)	11/4" (30 mm)	11/2" (40 mm)
Input Power	380V / 3ph / 50 Hz	380V / 3ph / 50 Hz	380V / 3ph / 50 Hz	380V / 3ph / 50 Hz
Duty Cylce	**80% @ 40 Amps** 100% @ 30 Amps	**80%@60 Amps** 100% @ 50 amps	**80% @ 80 Amps** 100% @ 70 Amps	**80% @ 120 Amps** 100% @ 100 Amps
Max OCV	260 VDC	260 VDC	260 VDC	260 VDC
Gas Type	5.2bar @ 189 lpm	5.2bar @ 189 lpm	5.2bar @ 189 lpm	5.2bar @ 189 lpm
Pilot	Start Cartridge	Start Cartridge	Start Cartridge	Start Cartridge
Weight	19.5 kg	19.5 kg	28.6 kg	28.6 kg
Torch	SL100 SV	SL100 SV	SL100 SV	SL100 SV

CutMaster Automation Series Plasma Systems include power supply, work cable & clamp, automation torch with 1-3/8 inch (35 mm) diameter mounting rack (detachable), CNC interface cable with connector for Start / Stop, OK to Move, Divided & Full Arc Voltage and spare parts kit up to 32 complimentary consumables part.

Authorised Distributor:

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