



CUTMASTER™ 38 Industrial CUT 16mm 30 AMP 1 PHASE 240 V

SPECIFICATIONS	PANEL CONTROLS:	SEVERANCE:	AIR FLOW:
SUPPLY VOLTAGE: 240 volt 1 phase 50/60Hz	On/Off Switch RUN/SET Switch 20-30 amp variable control	16mm	142 lpm
SUPPLY LEAD: 16amps	PANEL INDICATORS: AC Power, Over Temperature, Gas, DC Power	PIERCE CAPACITY: 6.4mm	PACKED WEIGHT: 24kg
DUTY CYCLE: 35% @ 30 amps output	COMMERCIAL CUT: 12.7mm steel, stainless steel, aluminium	AIR PRESSURE: 460kPa	POWER SOURCE DIMENSIONS: H400mm x W254mm x D533mm

**NEW
2ND QUARTER
2004**



Thermal Dynamics® introduces CUTMASTER™ 38 and a new standard of excellence in metal cutting. CUTMASTER™ 38 combines the reliability and rugged construction of the CUTMASTER™ power supply design with the new, high performance 1Torch™ plasma torch to create a new standard of performance for the thin gauge to 12.7mm metal cutting world. In the Thermal Dynamics tradition of quality and innovation, CUTMASTER™ 38 offers the features required for high performance plasma cutting. The new 1Torch™ design brings a new standard of cut quality and durability demanded by metal fabrication professionals.

Features:

- ▲ Rugged power source design
- ▲ ATC™ Advanced Torch Connection
- ▲ Supplied with 1Torch SureLok Technology
- ▲ Initiates pilot arc without HF
- ▲ Excellent cut speeds & unsurpassed cut quality
- ▲ Auto pilot restart for easy cutting on metal mesh
- ▲ Protective interlock circuit saves torch parts
- ▲ High visibility shield cup
- ▲ MaximumLife™ electrode improved parts life
- ▲ Ergonomic torch handle for comfort & control

CUTMASTER™ 38 Plant Contents:

CUTMASTER™ 38 power source, 1Torch™ SL60™ (6M), work lead (6M), Built-in regulator, Spare parts kit, Operating Manual

Ordering Information:

CUTMASTER™ 38 Plant	Part No. OTD1/4620
1Torch™SL60™ with 6M lead	Part No. OTD7/5204

Optional Accessories:

Circle Cutting Guide	Part No. OTD7/3291
Roller & Radius Cutting Guide	Part No. OTD7/7501

Plasma Torch Consumables:

DESCRIPTION	PART No.
Electrode, MaximumLife™	OTD9/8215
Tip 20A, Drag	OTD9/8205
Tip 30A, Drag	OTD9/8206
Shield Cup	OTD9/8218

Plasma Torch Spare Parts:

DESCRIPTION	PART No.
Torch Head with O-rings	OTD9/8219
O-ring Torch Head (large)	OTD8/3487
O-ring Torch Head (small)	OTD8/3486
Starter Cartridge	OTD9/8213

THE SURELOK™ ADVANTAGE

Thermal Dynamics® SureLok™ torch technology is used throughout the CUTMASTER™ family. SureLok™ torches and consumable parts offer important advantages for hand or mechanised plasma cutting.

- ▲ Improved cutting performance – the patented electrode insertion design results in exact positioning of consumable parts, every time, with no special tools. This means a precise, well-defined cutting arc and more precise cuts.
- ▲ Improved torch cooling – means longer consumable parts life and lower operating costs.
- ▲ Extended tip – For maximum visibility and optimum performance in drag cutting. The extended tip provides a clear view of the cut in stand-off or drag cutting. Drag cutting with the tip in contact with the metal results in a narrow kerf, helps eliminate dross and results in greater precision on sheet metal.

- ▲ Tapered shield cup and small torch head – allow excellent control when bevelling and gouging. SureLok™'s size, shape and long arc also make CUTMASTER™ an excellent tool for cutting and gouging in tight spaces where other torches will not fit.
- ▲ Long arc length – SureLok™ torches produce excellent cuts across a wide range of cutting conditions, from drag cutting with the tip directly on the material, to bevelling and gouging, where the tip must be held further away from material. SureLok™'s strong pilot arc and focused cutting power produce a long arc that gives operators more flexibility and control in demanding situations.

