

**THERMAL
DYNAMICS**

THE THERMAL DYNAMICS CUTMASTER 60i IS HERE.

IT IS EXTREMELY POWERFUL, CAN CUT THROUGH A MULTITUDE OF METALS, AND NEVER BACKS DOWN, FROM FIRST CUT TO CLEANUP.



Increased cut capacity and cut speed –

Cutmaster 60i's recommended cut capacity is 20 mm with a maximum sever of 38 mm and a 20 mm pierce.

Superior duty cycle – Cut more, faster, longer.

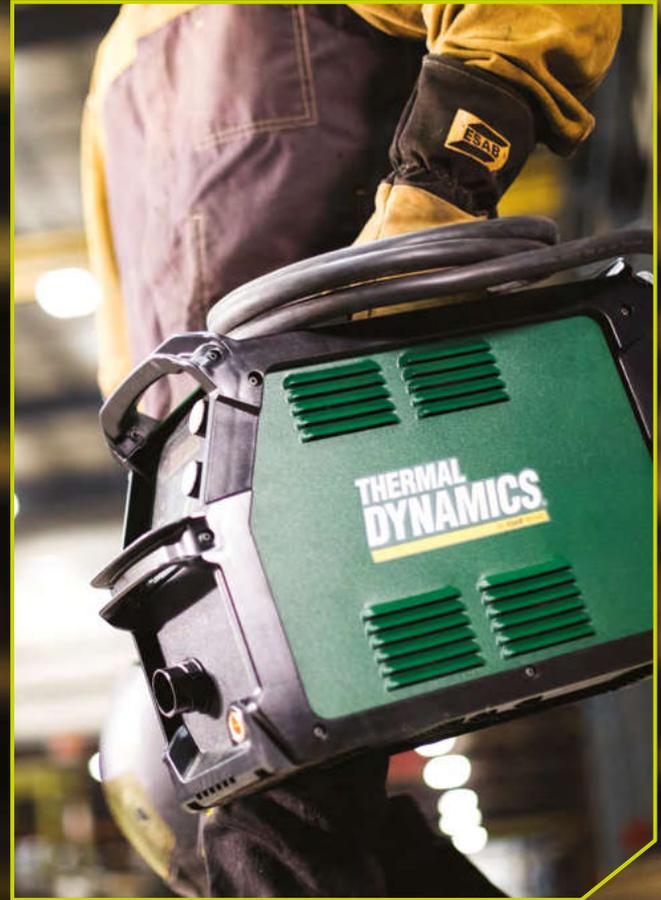
The machine's duty cycle of 50% at 60 A while cutting half-inch mild steel equates to a 7.6 kW power supply rating – the highest output in its class.

Rugged roll cage – With multiple lift points, the sturdy four-handle roll cage makes it easy to transport your Cutmaster 60i where you need to – including outdoors. The machine's IP23S protection rating proves it is tough enough to face harsher environments

Power factor correction (PFC) – If you find yourself with a poor connection via generator or otherwise, PFC will stop the draw from spiking and keep power flowing smoothly.

Long cutting arc – When you are in an odd position or trying to hit a corner, Cutmaster 60i's extra-long arc will stretch to keep constant contact with the workpiece.

Modes of operation – The machine also has four modes of operation – twice as many as competitors – cut mode, expanded metal cutting mode, gouging mode, and trigger latch mode.



SL60QD 1Torch – This torch has a lot to offer. First, it is compatible with the entire Cutmaster family and other cutting systems in the industry. Second, “QD” stands for quick disconnect, which gives you the option of replacing only what you need to replace – the torch or the lead, saving you money in the long run.

Durable LED display – The system’s large, high-visibility display allows for easy viewing of all machine settings from a distance. The intuitive, easy-to-use display instantly provides the necessary feedback for keeping your settings and cut quality optimised.

Gas optimiser – This unique technology precisely regulates air pressure, ensuring premium cut quality and performance. When you set amperage and select torch type, torch lead length, and mode of operation, you are visually prompted to adjust gas pressure accordingly while still having the flexibility to tweak the settings to your liking.

Consumables end-of-life indicator – Cutmaster 60i’s end-of-life indicator monitors the remaining life of the consumable parts and alerts you when it’s time to replace, maintaining optimal performance and cut quality.

Consumables configuration guide – Look at the top of the power source for easy-to-follow instructions on how the consumables work together. Need more information? There is a quick-start guide in the box that will have you cutting in no time.



INCLUDED ACCESSORIES

- SL60QD 1Torch with lead
- Work lead with ground clamp
- Spare parts kit
- Operating manual and quick-start guide
- Filter wrench



Cutmaster 60i

The Cutmaster® 60i with SL60QD™ 1Torch® is the perfect combination of end-user insight, advanced technology, and intelligent design. Packed with power and offering the highest power-to-weight ratio in its class, the Cutmaster 60i with SL60QD 1Torch also has best in class cutting arc length and the most empowering and engaging user experience no matter the application.

FEATURES AND BENEFITS

- 7.6 kW rated output, 50% Duty Cycle at 60A and 100% Duty Cycle at 40A; built for portability and durability with the integral multi-handle design.
- SL60QD 1Torch quick disconnect with ATC® (Advanced Torch Connector) allowing selective replacement of either the torch handle assembly or the torch leads, using patented SureLok® technology.
- Compatible with full range of SL60 / SL100 hand, mechanised and automation torches for complete flexibility across multiple applications.
- 20 mm recommended cut capacity with greater than 38 mm maximum sever and 20 mm pierce capacity
- High-visibility, oversized display with gas optimiser technology and consumables end-of-life indicator
- Industry leading 3-year warranty on power supply and 1-year warranty on torch

PERFORMANCE

- True Cut - 20 mm
- Severance Cut - 38 mm
- Pierce Rating - 20 mm
- Max Amperage Output - 60A

DIMENSIONS

- W199 mm x H593 mm x D536 mm

WEIGHT

- 16.8 kg

TORCH

- SL60QD
- Air Pressure - 5.2 bar
- Air Flow - 190 l/m

INPUT VOLTAGE

- 400V, 3 ph, 50/60 Hz

DUTY CYCLE (@ 40° C)

- 50% @ 60A
- 100% @ 40A



- Agricultural Equipment
- Automotive Bodies
- Construction
- Fabrication
- General Manufacturing
- HVAC
- Repair and Maintenance
- Training Schools

SL60QD REPLACEMENT TORCHES AND LEADS

Part No.	Description
7-5604	SL60QD 75° hand torch 6.1 m lead
7-5605	SL60QD 75° hand torch 15.2m lead
7-5680	SL60QD torch handle assembly 75° head (no leads)
4-5604	SL60QD 6.1 m lead assembly
4-5605	SL60QD 15.2 m lead assembly

Part No.	Torch
1-5630-4X	SL60QD 75° hand torch 6.1 m lead
1-5631-4X	SL60QD 75° hand torch 15.2 m lead

Cutmaster 60i Systems include: Cutmaster 60i power supply, SL60QD 75° torch with lead, 6.1 m work lead with ground clamp, spare parts kit, operating manual, and filter wrench.

See pages 22 - 23 for accessories and page 20 for torch consumable parts.

