



**THE CUTTING MARVEL
HAS EVOLVED.**

**CUTMASTER
60i**

THE ESAB CUTMASTER® 60i: A THING OF WONDER.

IT IS EXTREMELY POWERFUL, CAN CUT THROUGH A MULTITUDE OF METALS, AND NEVER BACKS DOWN, FROM FIRST CUT TO CLEANUP. THE QUESTION IS: ARE YOU READY TO TAKE YOUR PLASMA CUTTING TO THE NEXT LEVEL?



AN ASTONISHING BALANCE OF POWER AND PORTABILITY.

Cutmaster 60i now has 16.6% more cutting and piercing capacity to get jobs done faster and cleaner. At only 16.8 kg, its compact and lightweight design makes it highly portable - without sacrificing power or performance to achieve this. With a wide range of available cutting and gouging nozzles, you can harness Cutmaster 60i's power like never before.

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 and for longer. The machine's duty cycle of 50% at 60 A while cutting 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 ready to face whatever elements come your way.

Generator reliable – Say goodbye to issues caused by power fluctuations and spikes when connected to a generator. Cutmaster 60i's power factor correction ensures no disruptions in cutting performance.



EXCEPTIONAL, EXTENDED CUTTING ARC.

The Cutmaster 60i does not play around when it comes to cut capacity or cut speed. It slices cleanly through mild steel, aluminium, and stainless steel with ease and creates a perfect groove when gouging. The improved SL60QD™ 1Torch® with our innovative Cutmaster Black Series extended life consumables help you achieve your best cuts.



Cutmaster Black Series extended life consumables – Cutmaster Black Series electrodes are designed to operate 60% longer than standard consumables before needing to be replaced. So you get maximum productivity and excellent performance that lasts.

Only three consumable parts – That means fewer parts to keep on hand and quicker changes, so you can keep cutting.



Long arc stretch – 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 latch mode, which allows you to lock the torch trigger so you can focus on cutting.

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 – and that saves you money in the long run.

SUPERCHARGE YOUR CUTTING.

Prepare to take your cutting to the next level. From first cut to cleanup, all day, every day, you will be able to face any challenge with the Cutmaster 60i at your side.

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 is time to replace, maintaining optimal performance and cut quality.

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

MORE THAN JUST A POWER SOURCE.

As if the power, cutting prowess, and usability weren't enough, there is more. Cutmaster 60i has an industry-leading, three-year, handle-to-handle warranty.

INCLUDED ACCESSORIES

- SL60QD 1Torch with lead
- Work lead with ground clamp
- Full set of 60 A consumables for out-of-the-box cutting, including two 60 A cutting tips, three drag tips, and a gouging tip
- Spare parts kit
- Operating manual and quick-start guide



Every Cutmaster 60i includes a full range of consumables with several amperage sizes of cutting and gouging nozzles. Whether you're drag cutting, gouging, shield cap cutting, or working on another application, Cutmaster 60i comes ready to rumble out of the box.



MECHPAK MECHANISED PACKAGE.

The MechPak mechanised package is now available for Cutmaster 60i, making it easy to hook up to a cutting table for semiautomatic cutting processes. MechPak comes with everything you need to get started, including an SL100 mechanised torch (7.6 m or 15.2 m), remote pendant, lead with ATC connection, and consumables.



GET THE TOTAL FABRICATION PACKAGE.

Sentinel™ A50 is an excellently balanced, supremely equipped auto-darkening hood with a full range of shades, including the perfectly matched plasma cutting shades 6–7. Rebel™ 215 is a true multi-process machine, offering some of the most innovative welding technology available. Combine them with Cutmaster 60i and gain the ability to cut or weld anything, anywhere.

Learn more at esab.com/sentinel and esab.com/rebel

SPECIFICATIONS

Amperage Output	10–60 A, continuously adjustable
Open-Circuit Voltage (OCV)	300 V
Input Voltage	400 VAC
Number of Phases	3 ph
Supply Frequency	50/60 Hz
Rated Duty Cycle	50% @ 60 A 60% @ 50 A 100% @ 40 A
Amperage Draw	13.2 A @ 400 V
Enclosure Rating	IP23S
Input Power Cable and Plug	2.7 m three phase 14 AWG 4/C
Work Lead with Ground Clamp	6 m work cable with 50 mm connection
Gas Requirements	Compressed air
Operating Temperature Range	0°C–50°C
Input Pressure	8.6 bar max.
Air Flow Requirements (cutting and gouging)	142–235 l/s
Power Supply Gas Filtering Ability	Particulates to 5 Microns
Recommended Cut	Up to 20 mm
Maximum Sever	38 mm
Pierce Rating	20 mm
Torch Duty Cycle	100% at 60 A @ 400 scfh air flow
Torch Air Pressure	5.2 bar
Torch Air Consumption for optimal performance	190 l/min
Torches (for use with the Cutmaster 60i)	SL60QD 1Torch (supplied) SL60/SL100 1Torch SL100 Mechanised 1Torch SL100SLV Automated 1Torch

ORDERING INFORMATION

ESAB Cutmaster 60i 3ph w. SL60QD 1Torch 6.1 m 75 deg. head	0559156304
ESAB Cutmaster 60i 3ph w. SL60QD 1Torch 15.2 m 75 deg. head	0559156314
ESAB Cutmaster 60i 3ph Power Supply Only	0559356304
Cutmaster Black Series Extended Life Electrode	9-8214
Cutmaster MechPak 7.6 m	7-7725
Cutmaster MechPak 15.2 m	7-7750

There is more where the Cutmaster 60i came from. If it is not exactly what you need, ask your distributor about the Cutmaster 40, Cutmaster 80, Cutmaster 100, or Cutmaster 120.

To see the Cutmaster 60i in action and find out how to take control of the latest plasma technology yourself, visit esab.com/marvel.

UNRIVALED SERVICE AND SUPPORT.

Cutmaster 60i, like every ESAB machine, is backed by our commitment to superior customer service and support. Our skilled customer service department is prepared to quickly answer any questions, address problems, and help with maintenance and upgrading of machines.

Ask about the new ESAB Cutmaster 60i today.



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