



**WE'VE CREATED A
CUTTING MARVEL.**

ESAB Cutmaster® 60i:

KILLER POWER-TO-WEIGHT RATIO.

When it comes to power and weight, Cutmaster 60i has the balance down. At only 16.2 kg, its compact and lightweight design makes it super portable – but we didn't sacrifice power or performance to get there. So if it's too much power for a given job, just turn it down.

Increased cut capacity and cut speed –

Cutmaster 60i's recommended cut capacity is 16mm with a maximum sever of 38mm and a 16mm 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's hardy enough to face whatever elements come your way.

Automatic multi-voltage detection – The system senses what type of power you're hooked up to and adjusts accordingly so you don't waste any time manually tweaking your settings.

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.



SPECIFICATIONS	
Amperage Output	10–60 A, continuously adjustable
Rated Output Power	7.6 kW
Open-Circuit Voltage (OCV)	300 V
Input Voltage	208–480 VAC ± 10%
Number of Phases	1 ph or 3 ph
Supply Frequency	50/60 Hz
Rated Duty Cycle	50% @ 60 A 60% @ 50 A 100% @ 40 A
Amperage Draw	43 A @ 208 V 1 ph / 26 A @ 208 V 3 ph 39 A @ 230 V 1 ph / 23 A @ 230 V 3 ph 19 A @ 480 V 1 ph / 11 A @ 480 V 3 ph
Enclosure Rating	IP23S
Input Power Cable and Plug	9 ft. (2.7 m) 1 ph 8 AWG 3/C with NEMA 6-50P plug 9 ft. (2.7 m) 3 ph 12 AWG 4/C cable without plug
Work Lead with Ground Clamp	20 ft. (6 m) #8 work cable with 50 mm connection
Gas Requirements	Compressed air
Operating Temperature Range	32°F–122°F (0°C–50°C)
Input Pressure	90–125 psi max (8.6 bar)
Air Flow Requirements (cutting and gouging)	300–500 scfh / 5–8.3 cfm (142–235 l/m)
Power Supply Gas Filtering Ability	Particulates to 5 Microns
Recommended Cut	5/8 in. (16 mm)
Maximum Sever	1 1/2 in. (38 mm)
Pierce Rating	5/8 in. (16 mm)
Torch Duty Cycle	100% at 60 A @ 400 scfh air flow
Torch Air Pressure	75 psi (5.2 bar)
Torch Air Consumption	6.7 cfm (190 l/m)
Torches (for use with the Cutmaster 60i)	SL60QD 1Torch (supplied) SL60/SL100 1Torch

UNRIVALLED 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.

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