



PORTABLE

POWERFUL

MEET CUTMASTER 40: THE PORTABLE PLASMA CUTTER
WITH MORE POWER THAN YOU THOUGHT POSSIBLE.

You deserve the best portable plasma cutter, which is why we created Cutmaster 40. With an unprecedented combination of mobility and power, Cutmaster 40 exceeds expectations for a machine in its class.

PORTABLE.

MAXIMUM PORTABILITY.

Cutmaster 40 features an all-new ergonomic design for the best portability in its class – without sacrificing performance. It weighs only 10 kg, with multiple handles and carrying points that help it feel even lighter.

GREATER FLEXIBILITY.

With an incredible arc stretch, Cutmaster 40 can be used in unusual cutting positions while maintaining cut quality. It comes with a complete range of consumables out of the box for cutting and gouging, and it runs on 200–240 V power with automatic amperage adjustment.

10
KILOGRAMS

3
LIFT POINTS

IP23
RATED

200–240 V
INPUT

SPECIFICATIONS (CE APPROVALS)

Amperage Output	15–40 A, continuously adjustable
Recommended Generator Size	8.0 kW output
Open-Circuit Voltage (OCV)	280 V
Input Voltage	200–240 VAC +/- 10% 50/60 Hz, 1ph
Rated Duty Cycle	40% @ 40 A 60% @ 30 A 100% @ 20 A
Amperage Draw (at Maximum Cut Capacity)	I_{eff} 15.5 A @ 230 V (26 A @ 230 V)
Input Power Cable	2.7 m (9 ft.), 2.5 mm ² input cable
Work Lead with Ground Clamp	4 m (13 ft.) 10 mm ² work cable with 50 mm connection
Gas Requirements	Compressed air
Operating Temperature Range	0°C–50°C (32°F–122°F)
Operating Input Air Pressure Range	6.2–8.6 bar (90–125 psi)
Minimum Airflow Requirements (Cutting and Gouging)	142–235 l/min. (300–500 cfh)

POWERFUL.

INCREDIBLE PERFORMANCE.

Cutmaster 40 has remarkable power for a machine of its size. The legendary 1Torch™ allows for a best-in-class 12 mm pierce and cut capacity and up to 16 mm max sever. With an extraordinary 40% duty cycle at 40 A, thanks to all-new hybrid cooling technology, your hands will give up before this machine does.

SERIOUS DURABILITY.

We put Cutmaster 40 in proven industrial-grade housing to ensure it can take a battering and keep performing. With an IP23 all-weather rating, Cutmaster 40 is ready to work where you need it to – rain or shine, day in and day out. Cutmaster 40 also comes with new Black Series consumables that last up to 60% longer before needing to be replaced.

**60% LONGER
CONSUMABLE LIFE**

**16 mm
SEVER**

**12 mm
CUT**

**12 mm
PIERCE**

SPECIFICATIONS (CE APPROVALS) (CONT.)

Recommended Cut	Up to 12 mm (1/2 in.)
Maximum Sever	Up to 16 mm (0.63 in.)
Pierce Rating	12 mm (1/2 in.)
SL60 Torch Duty Cycle	100% at 40 A @ 189 l/min. airflow
Torches (for use with the Cutmaster 40)	SL60 1Torch (supplied) SL60QD 1Torch (Coming Soon)
Dimensions L x W x H	460 x 200 x 320 mm
Weight	10 kg

ORDERING INFORMATION

Cutmaster 40, 1ph with SL60 1Torch 5 m 90° Head	0559140006
SL60 Torch and Lead 6.1 m 75° Head	OTD7/5204
Cutmaster Black Series Extended Life Electrode	9-8214

PACKAGE CONTENTS

Cutmaster 40 Plant P/N: 0559140006 NSN: 3433/661621820
Cutmaster 40 power supply
SL60 90° torch with lead
Work lead with ground clamp
Spare parts kit
6 mm (1/4 in.) NPT air fitting with quick connect
Operating manual.

The Cutmaster 40 is compatible with the optional 1Torch quick connect ATC extension (Part No: OTD7/7545) of an extra 7.6m without effecting the cutting performance; allowing you to be almost 14 metres from the Cutmaster 40.

UNRIVALLED SERVICE AND SUPPORT.

Cutmaster 40, 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.

For more information on Cutmaster 40, visit esab.com/cutmaster40.

3-YEAR WARRANTY.

ESAB's industry-leading service and support means that if you do need help, you will be protected by the most comprehensive warranty in the business.



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