



CUTMASTER 40+



Genuine cutting and pierce capacity: 12mm
Regular hand cutting capacity: 16mm
Maximum severance cut capacity: 25mm

THE TOTAL PORTABLE PLASMA CUTTING PACKAGE



ESAB Cutmaster 40+ is the perfect combination of power and portability for hand-held plasma cutting machines. Plus means more, so we've added a user-friendly 4.3in. TFT LCD screen and we've also upgraded the power of the machine to provide more control and flexibility so you can master any genuine cutting with ease to 12mm, regular hand cutting to 16mm and occasional severance cutting to 25mm. Together with the SL60 1Torch, it all adds up to the total plasma cutting package.

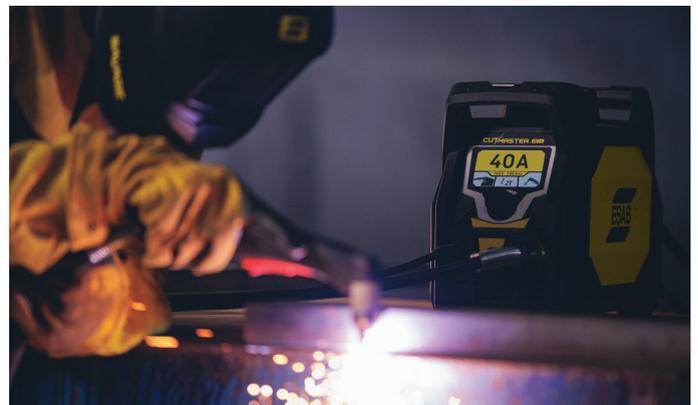
FEATURES

- Portable and durable with three handles and lightweight, industrial all-weather housing
- Bright 4.3in. TFT LCD display with glove-friendly adjustment knob simplifies use and provides greater control and flexibility
- Comes with industrial SL60 1Torch featuring 2T/4T function, safety trigger lock, and double-tap trigger to conserve bottled air
- Switch between normal and mesh cutting modes
- Automatic air pressure detection and post-cut air purge to expand consumable life
- Duty cycle: 40% @ 40A; 100% @ 100A
- Cutmaster Black Series consumables included for up to 60% longer life
- Industry leading 3-year warranty on power supply and 1-year warranty on torch and leads

Visit esab.com for more information.

INDUSTRY

- Industrial and General Fabrication
- Light Fabrication
- Industrial Production & Manufacturing
- Automotive Bodies
- Hobbyists
- Agricultural Equipment
- HVAC
- Repair and Maintenance
- Pipeline
- Training Schools



Simple and intuitive TFT LCD panel

SPECIFICATIONS

Amperage Output	10 – 40A, continuously adjustable
Recommended Generator Size	8kW (or higher)
Genuine Cutting & Pierce Capacity	12mm*
Regular Hand Cutting Capacity	16mm*
Maximum Severance Cut Capacity	25mm*
Open Circuit Voltage (OCV)	298V
Input Voltage	230VAC +/- 10%, 50/60Hz, 1ph
Rated Duty Cycle @ 40°C	40% @ 40A 100% @ 20A
Amperage Draw (at Maximum Cut Capacity)	27A @ 230V
Power Factor at Max Current	0.98
Input Power Cable and Plug	3m 1ph 2.5mm ² 15A AU plug
Work Lead with Ground Clamp	3m 10mm ² work cable with 25mm ² connection
Gas Requirements	Compressed air (Clean & Dry)
Operating Temperature Range	-10°C to + 50°C
Compressed Air Pressure Requirement	90 – 125psi (6.2 – 8.6bar) (0.62 – 0.86Mpa)
Compressed Air Flow Requirement	142 – 235 l/min.
SL60 Torch Duty Cycle	100% @ 60A with 165 l/min air flow
Torches – for use with Cutmaster 40+ (compatible with all Torch ATC torch connections)	SL60 Torch (supplied)
Enclosure Class	IP23S
Certifications	CE, RCM
Dimensions L x W x H	465mm x 200mm x 315mm
Weight	11.5kg

*All Cutting Capacity data quoted is based on cutting Mild Steel.

ORDERING INFORMATION

Cutmaster 40+, 230V 1ph	0559141006
Package Contents Cutmaster 40+ power supply, SL60 75° torch and lead 5m, work lead with ground clamp 3m, consumables kit, Air fitting 1/4" PT Nitto type, Quick Start Guide, Operating Manual.	
SL60 1Torch and Lead 6.1m (20ft) 75° Head	OTD7/5204
ATC Lead Extension 7.6m (25ft)	OTD7/7545



P/N: 0559141006

OPTIONS & ACCESSORIES

Cutting Guide Kit	OTD7/7501
Circle Cutting Guide Kit	OTD7/3291
Stand Off Cutting Guide	OTD9/8251
Single Stage Air Filter Kit	7-7507
Spare Filter Element	9-7741

WEAR & SPARE PARTS TORCH

Electrode	OTD9/8215
Cutmaster Black Series Extended Life Electrode	9-8214
Start Cartridge	OTD9/8213
Shield Cup	OTD9/8218
Shield Cup, Max Life	OTD9/8237
Shield Cap, Gouging, Max Life (A – D)	OTD9/8241
Shield Cap Deflector, Max Life (All)	OTD9/8243
A size gouging tip Shallow	OTD9/8225
Cutting tip 20A Drag	OTD9/8205
Cutting tip 30A Drag	OTD9/8206
Cutting tip 40A Drag	OTD9/8207
Cutting shield cap 40A Drag	OTD9/8244
Torch "O" Ring 1	OTD8/3487
Torch "O" Ring 2	OTD8/3486

