



# CUTMASTER<sup>®</sup>

## 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

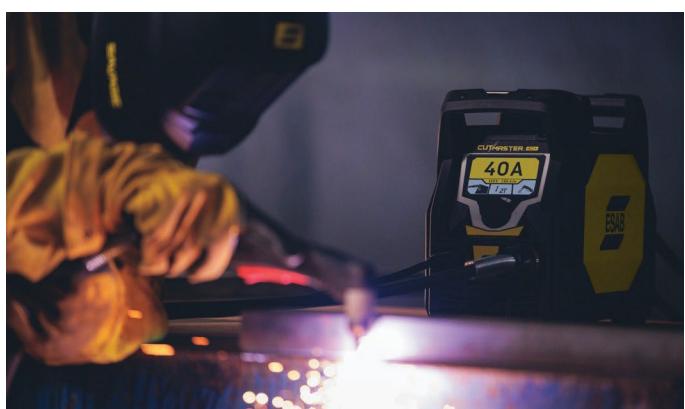
- Portable and durable with three handles and lightweight, industrial all-weather housing
- Bright 4.3in. TFT LCD display with glove-friendly adjustment knob simplifies use and provides greater control and flexibility
- Comes with industrial SL60 1Torch featuring 2T/4T function, safety trigger lock, 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% @ 20A
- 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](http://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	<b>10 – 40A, continuously adjustable</b>
Recommended Generator Size	<b>8kW (or higher)</b>
Genuine Cutting & Pierce Capacity	<b>12mm*</b>
Regular Hand Cutting Capacity	<b>16mm*</b>
Maximum Severance Cut Capacity	<b>25mm*</b>
Open Circuit Voltage (OCV)	<b>298V</b>
Input Voltage	<b>230VAC +/- 10%, 50/60Hz, 1ph</b>
Rated Duty Cycle @ 40°C	<b>40% @ 40A 100% @ 20A</b>
Amperage Draw (at Maximum Cut Capacity)	<b>27A @ 230V</b>
Power Factor at Max Current	<b>0.98</b>
Input Power Cable and Plug	<b>3m 1ph 2.5mm<sup>2</sup> 15A AU plug</b>
Work Lead with Ground Clamp	<b>3m 10mm<sup>2</sup> work cable with 25mm<sup>2</sup> connection</b>
Gas Requirements	<b>Compressed air (Clean &amp; Dry)</b>
Operating Temperature Range	<b>-10°C to + 50°C</b>
Compressed Air Pressure Requirement	<b>90 – 125psi (6.2 – 8.6bar) (0.62 – 0.86Mpa)</b>
Compressed Air Flow Requirement	<b>142 – 235 l/min.</b>
SL60 Torch Duty Cycle	<b>100% @ 60A with 165 l/min air flow</b>
Torches – for use with Cutmaster 40+ (compatible with all Torch ATC torch connections)	<b>SL60 Torch (supplied)</b>
Enclosure Class	<b>IP23S</b>
Certifications	<b>CE, RCM</b>
Dimensions L x W x H	<b>465mm x 200mm x 315mm</b>
Weight	<b>11.5kg</b>

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

## ORDERING INFORMATION

Cutmaster 40+, 230V 1ph	<b>0559141006</b>
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	<b>0TD7/5204</b>
ATC Lead Extension 7.6m (25ft)	<b>0TD7/7545</b>



**P/N: 0559141006**

## OPTIONS & ACCESSORIES

Cutting Guide Kit	<b>0TD7/7501</b>
Circle Cutting Guide Kit	<b>0TD7/3291</b>
Stand Off Cutting Guide	<b>0TD9/8251</b>
Single Stage Air Filter Kit	<b>7-7507</b>
Spare Filter Element	<b>9-7741</b>

## WEAR & SPARE PARTS TORCH

Electrode	<b>0TD9/8215</b>
Cutmaster Black Series Extended Life Electrode	<b>9-8214</b>
Start Cartridge	<b>0TD9/8213</b>
Shield Cup	<b>0TD9/8218</b>
Shield Cup, Max Life	<b>0TD9/8237</b>
Shield Cap, Gouging, Max Life (A – D)	<b>0TD9/8241</b>
Shield Cap Deflector, Max Life (All)	<b>0TD9/8243</b>
A size gouging tip Shallow	<b>0TD9/8225</b>
Cutting tip 20A Drag	<b>0TD9/8205</b>
Cutting tip 30A Drag	<b>0TD9/8206</b>
Cutting tip 40A Drag	<b>0TD9/8207</b>
Cutting shield cap 40A Drag	<b>0TD9/8244</b>
Torch "O" Ring 1	<b>0TD8/3487</b>
Torch "O" Ring 2	<b>0TD8/3486</b>

