

CUTMASTER 50+



The total portable plasma cutting package with unbeatable power.

- **Power & Portability**
Cutting power on the move - up to 16mm
- **Advanced Cutting Features**
Consumables last even longer
- **Intuitive Interface**
4.3" TFT colour screen

Ordering Information	
Description	Part Number
ESAB Cutmaster 50+ Package, 400 V 3 ph CE/UKCA *	0559150004
Torches	
SL60 1Torch and Lead 6.1 m (20 ft) 75° Head	7-5204
SL60 1Torch and Lead 15.2 m (50 ft) 75° Head	7-5205
*Cutmaster 50+ power supply, SL60 75° torch and lead 5 m, work lead with ground clamp 3 m, consumables kit, regional 1/4" air fitting. Cutmaster 50+ is compatible with all Torch ATC torch connections.	

Specification	
Amperage Output	15 – 50 A, continuously adjustable
Recommended Generator Size	12 kW (or higher)
Recommended Cut and Pierce Capacity	Up to 16 mm
Maximum Edge Cut Capacity	Up to 32 mm
Input Voltage	400 VAC +/- 10%, 50/60 Hz, 3ph
Rated Duty Cycle @ 40° C	60% @ 50 A with cutting voltage 150 V
Recommended Circuit Breaker Size (at Maximum Cut Capacity)	16 A
Amperage Draw (at Maximum Cut Capacity)	15.5 A
Input Power Cable	3 m, 12 AWG 4/C or 2.5mm ² without plug
Work Lead with Ground Clamp	3 m, 10 mm ² work cable with 25 mm ² connection
Gas Requirements	Compressed air
Operating Temperature Range	-10° C to + 50° C
Compressed Air Pressure Requirement	6.2 – 8.6 bar (90 – 125 psi) (0.62 – 0.86 Mpa)
Compressed Air Flow Requirement	142 – 235 l/min (350-500 scfh)
SL60 Torch Duty Cycle	100% @ 60 A with 165 l/min (350 scfh) air flow
Torches – for use with Cutmaster 50+	SL60 1Torch (supplied)
Enclosure Class	IP23S
Certifications	CE, UKCA
Dimensions L x W x H	465 x 200 x 315 mm
Weight	16 kg

Options & Accessories	
Description	Part Number
Cutting Guide Kit	7-7501
Circle Cutting Guide Kit	7-3291
Straight Line Cutting Guide	7-8911
Yellow Leather Lead Cover, 7.6 m (25 ft)	0700009088
Black Leather Lead Cover, 7.6 m (25 ft)	0700009089
Multi-Purpose Cart	7-8888
Single Stage Air Filter Kit	7-7507
Two Stage Air Filter Kit	9-9387
Shoulder Strap	0445197880

Wear & Spare Parts Torch	
Description	Part Number
Electrode, SL60	9-8215
Cutmaster Black Series Extended Life Electrode	9-8214
Start Cartridge, SL60	9-8213
Shield Cup, SL60	9-8218
Shield Cup, SL60, Max Life	9-8237
Shield Cap, Gouging, Max Life (A – D)	9-8241
Shield Cap Deflector, Max Life (All)	9-8243
A size gouging tip	9-8225
B size gouging tip	9-8226
Cutting tip 20A	9-8205
Cutting tip 30A	9-8206
Cutting tip 40A	9-8207
Cutting tip 50A	9-8209
Cutting shield cap (40A)	9-8244
Cutting shield cap (50A)	9-8235
Torch "O" Ring 1	8-3487
Torch "O" Ring 2	8-3486
Stand Off Cutting Guide	9-8251

Ordering Information	
Description	Part Number
MechPak, 7.6 m (25 ft) Kit	7-7725
MechPak, 15.2 m (50 ft) Kit	7-7750