



ESAB Cutmaster 100 / 120

Heavy Industrial hand plasma equipment



Light and Powerful

The ESAB Cutmaster 100 /120, weighing only 29 kg. These compact units, like all other Cutmasters, comes standard with the 1Torch® providing you with the well known comfort and reliability famous throughout the industry..

- Quick Disconnect Torch for easy maintenance or machine torch conversion
- Auto-Restrike on mesh or expanded metal for maximum productivity
- True-Guard™ roll bar for ultimate protection
- TD Surelok® technology for better quality cuts and longer parts life

Application Areas

- Heavy fabrication
- Shipbuilding
- Construction
- Mining
- Structural Steel



Specifications / Technical Data

Power Source	ESAB Cutmaster 120	ESAB Cutmaster 100
Mains voltage, V/Ph, Hz	400 ± 10% / 3, 50/60	400 ± 10% / 3, 50/60
Output current range, A	30 – 120	30 – 100
Duty cycle at maximum current	40%	60%
Enclosure class	IP23C	IP23C
Weight, Kg	28.6	28.6
Dimensions, l x w x h, mm	305 x 381 x 762	305 x 381 x 762
True Cut™ (Recommended cut), mm	40	35
Maximum cut, mm	55	45
Pierce cut, mm	25	20
Manual Cutting Torch	SL100	SL100
Torch Length, m	6.1	6.1
Torch air pressure, bar	5.2	5.2
Torch air consumption, l/min	212	212

Ordering Information

Description	Part Number
ESAB Cutmaster 100, SL100 1Torch™ 6.1m	0559117304
ESAB Cutmaster 120, SL100 1Torch™ 6.1m	0559119304
ESAB Cutmaster 100, SL100 1Torch™ 15.2m	0559117314
ESAB Cutmaster 120, SL100 1Torch™ 15.2m	0559119314

Note: ESAB Cutmaster is delivered with 6.1/ 15.2 m SL100 1Torch™, air filter/regulator, work cable, clamp & power cable.

Ordering Information – Wear and Spare Parts, Optional Accessories

Description	Part Number	Description	Part Number
Electrode	9-8215	Drag Cutting & Gouging	
Start Cartridge	9-8213	Shield Cup Body Drag	9-8237
Start Cartridge - Heavy Duty	9-8277	Drag Cutting	
Standoff Cutting		Tip – Drag (60A)	9-8252
Shield Cup	9-8218	• Shield Cap Drag	9-8236
Tip – Standoff (90-100A) CM 100	9-8212	• Torch Deflector	9-8243
Standoff Cutting Guide (60-120A)	9-8281	Gouging	
		Tip – Gouging C (60-120A)	9-8227
		Shield Cap Gouging	9-8241

Note : Please select Tip depending on application, shield cup drag has to be used with torch deflector / shield cap.



ESAB / esabindia.com

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COMPANY WITH
 MANAGEMENT SYSTEM
 CERTIFIED BY DNV
 = ISO 9001 =
 = ISO 14001 =
 = OHSAS 18001 =