



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 =