

ESAB Cutmaster 100

Heavy Industrial



Image text

The ESAB Cutmaster 100 weighs in at 28 kg and provides 100 amps of cutting power. This unit's light weight compact design makes it the most portable and powerful cutting machine available. This unit combined with the 1Torch® has a maximum cut capacity of 45 mm (1 3/4"). More cut capacity than any other system in its class! Packages include power source, SL100 1Torch, spare parts kit, air filter/regulator, work cable and clamp and power cable.

- True Cut™ – 35mm (1-3/8")
- 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

Industry

- Heavy Fabrication
- Ship Building
- Construction
- Manufacturing
- Structural Steel
- Rental Fleets
- Pipe and Pipelines
- Mining



Specifications / Technical data

Recommended Cut	35mm
Maximum Cut	45mm
Pierce Rating	20mm
Max Amperage Output	100A
Output Power	12 kW
Dimensions	305mm x 381mm x 762mm
Weight	28.1 kg
Torch Air pressure	5.2 bar
Torch Air consumption	212 l/m
Input voltage	400V - 3 ph, 50/60 Hz
Duty Cycle	80% @ 100A
Amperage Draw	27A @ 400V, 3 ph

Gouging Profiles				
	Output Range	Depth	Width	Profile
Tip A	40 Amps (MAX)	Shallow	Narrow	
Tip B	50-100 Amps	Deep	Narrow	
Tip C	60-120 Amps	Moderate	Moderate	
Tip D	60-120 Amps	Shallow	Wide	
Tip E	120 Amps	Moderate	Wide	

Gouging profile chart for choosing the right gouging tip based on your application