

Manual Plasma Cutting Inverters

CUTMASTER® 40mm

3
YEAR*

TRUE
40MM

3
PHASE

415
V

120 A
OUTPUT

Cutting Capacity

| | |
|---------------------------|------|
| Genuine (True) Cut | 40mm |
| Maximum Cut | 50mm |
| Severance Cut | 55mm |
| Pierce Rating | 25mm |

NOTE: Cutting capacity data based on mild steel. Please refer to table below for specific terminology details.

Specifications

Supply Voltage

415 volt (+/- 15%), 3 phase, 50/60Hz

Minimum Recommended Generator

16.5kVA

Maximum Output Current

120 amps

Output Power

15.4KW

Duty Cycle (@ 40°C)

120 amps @ 80%

Warranty

Power source - 3 years; Torch - 1 year*

Power Source Weight

28.1kg

Dimensions (Power Source)

385 H x 315 W x 775 L mm



Plant part no. 1-1930-4

*Refer to Warranty Schedule for full details

Ordering Information

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|--|----------|
| CUTMASTER 40mm plant Australia & New Zealand only | 1-1930-4 |
| CUTMASTER 40mm plant South East & North Asia only | 1-1930-3 |

Plant contents

Cutmaster True 40mm power source;
SL100 6.1m hand cutting torch, work lead (fitted),
consumables starter kit; operation manual

Optional Accessories

| | |
|-------------------------------|-----------|
| Circle cutting guide | OTD7/3291 |
| Roller & radius cutting guide | OTD7/7501 |
| ATC 7.6m torch lead extension | OTD7/7545 |

The new Cutmaster True 40mm plasma is the largest air cooled system manual system in the range. The heavy duty inverter system with a duty cycle of 80% in a 40°C ambient, is specifically designed for high level applications requiring superior endurance and cutting performance. Operating from a 415V three phase supply, the unit incorporates features such as auto-pilot re-start, True Guard roll bar and the heavy duty SL100 1Torch® for superior performance. The unit can also be used for heavy duty gouging, piercing and beveling applications when fitted with the correct torch consumables.

These features combined with a three year limited warranty make this the ideal unit for and heavy duty fabrication, construction and mining applications.

Cutting Capacity Terminology

| | |
|---------------------------|---|
| Genuine (True) Cut | Cutting speed of 250 mm/min with an excellent smooth cut surface and little or no dross with no need for grinding or rework |
| Maximum Cut | Cutting speed of 150-200 mm/min with clean smooth cut surface and minor dross |
| Severance Cut | Cutting speed of less than 100 mm/min with rippled cut surface and significant dross |