PROLINE
professional welding supplies

CIGWELD
Professional

Manual Plasma Cutting Inverters

CUT MASTER® 35 mm

3 YEAR* | TRUE 35MM | 3 PHASE | 415 V | 100 A OUTPUT

Cutting Capacity

Genuine (True) Cut	35mm
Maximum Cut	40mm
Severance Cut	45mm
Pierce Rating	20mm

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

Specifications

Supply Voltage
415 volt, 3 phase, 50/60Hz

Minimum Recommended Generator
15kVA

Maximum Output Current
100 amps

Output Power
12KW

Duty Cycle (@40˚C)
100 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. 1-1730-4

The new Cutmaster True 35mm manual plasma is a high duty cycle, inverter based system specifically designed for heavy duty applications requiring superior cutting performance. The unit is specifically designed to serve the 35mm market with a high duty cycle of 80% in a 40˚C ambient environment. Operating from a 415V three phase supply, the design 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 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.

Plant contents

Cutmaster True 35mm power source;
SL100 6.1m hand cutting torch, work lead (fitted), consumables starter kit; operation manual

Optional Accessories

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