

MANUAL PLASMA CUTTING INVERTERS

CUTMASTER[®] 35MM



Cutting Capacity	
Genuine (TRUE) Cut	35 mm
Maximum Cut	40 mm
Severance Cut	45 mm
Pierce Rating	20 mm
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	15 kVA
Maximum Output Current	100 Amps
Output Power	12.0 KW
Duty Cycle	100 Amps @ 80%
Warranty	Power Source-3 yrs; Torch-1 yr*
Power Source Weight	28.1 kg
Dimensions (Power Source)	385 H x 315 W x 775 L (mm)

* Refer to Warranty Schedule for full details.

Ordering Information	
Cutmaster 35mm plant South East & North Asia only	1-1730-3
Plant Contents	
Cutmaster TRUE 35mm power source; SL100 6.1 m hand cutting torch, work leads (fitted), consumables starter Kit; operation manual.	
Optional Accessories	
Circle cutting guide	OTD7/3291
Roller & Radius cutting guide	OTD7/7501
ATC 7.6 m torch lead extenssion	OTD7/7545



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 35 mm 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.

Cutting Capacity Terminology

Genuine (TRUE) Cut	Cutting Speed of 250 mm/min with an excellent smooth cut surface and little or not 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.