

MANUAL PLASMA CUTTING INVERTERS







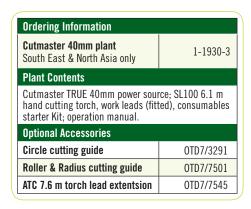




CUTMASTER® 40MM

Cutting Capacity		
Genuine (TRUE) Cut	40 mm	
Maximum Cut	50 mm	
Severance Cut	55 mm	
Pierce Rating	25 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	16.5 kVA	
Maximum Output Current	120 Amps	
Output Power	15.4 KW	
Duty Cycle	120 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.





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 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.



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