

Hypertherm *Plasma* Powermax 105

Key Benefits

- Fast efficient cutting of most metals
- Superior cut quality
- 3 x times faster than oxy/fuel on 12mm steel
- Superior drag-cutting technology ensures easy operation - even for inexperienced operators
- Long life torch parts for unmatched economy
- Reliable proven design made in USA
- 3 year machine warranty
- Portable only 45kg
- Industrial quality for high cycle operation

High performance
cutting of most metals



Standard Hand Cutting Torch



Optional Gouging Torch



Optional Machine Torch



APPLICATIONS

- Agriculture
- Manufacturing
- PlasmaCAM and Samson robotic plasma tables
- Repair and maintenance
- Sheetmetal
- Scrap metal
- Gouging

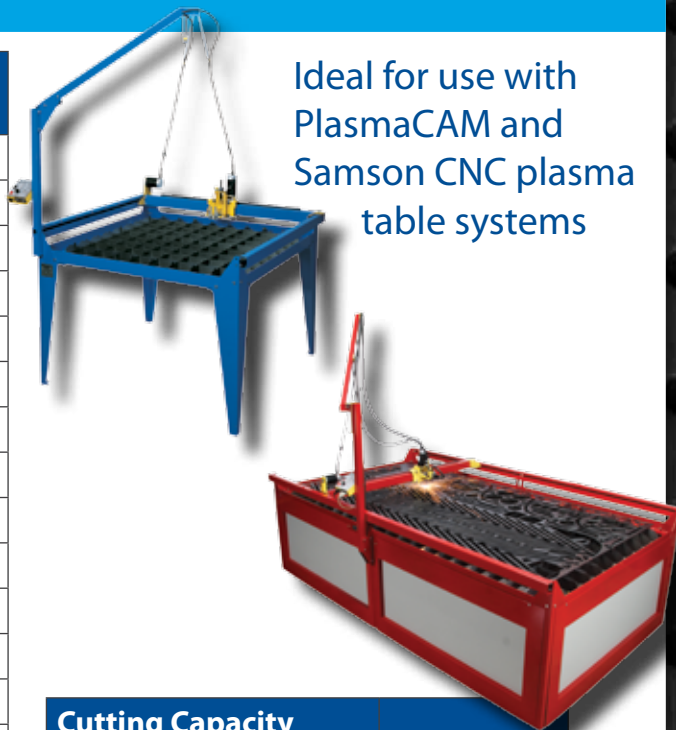
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E: sales@jaymac.net.au

Specifications subject to change without notice.

**JAYMAC***...simply easier***HYPERTHERM**

Hypertherm Powermax 105

Material	Thickness (mm)	Maximum cut speed (mm/min)
Mild Steel	1.6	9200
	3.0	6150
	6.0	6350
	12	2580
	19	1180
	25	780
	32	500
Stainless Steel	1.6	9200
	3.0	7500
	6.0	2330
	12	990
	19	660
	25	350
Aluminium	2.0	8500
	6.0	8300
	12	3070
	19	1470
	25	970



Ideal for use with
PlasmaCAM and
Samson CNC plasma
table systems

Cutting Capacity

Recommended	32mm
Maximum	38mm
Severance	50mm
Pierce (mechanised)	22mm

Specifications

Input voltage/Input current	415v 3 phase/29 amps
Output current	30-105 amps
Duty Cycle @ 40°C	105 amps @ 80%
Dimensions (L x W x H)	592 x 274 x 508 mm
Weight with torch	45 kg
Air supply flow rate	217 l/min
Generator requirement	30 - 35 kva
Warranty*	Full 3 year power supply 1 year torch

Capacity Ratings for mild steel

Recommended: Good cut quality at speeds of at least 500mm per minute.

Maximum: good cut quality at speeds of up to 250mm per minute

Severance: Thickness which can be reasonably severed at low speed with poor cut quality

Pierce (mechanised) Maximum thickness that can be effectively pierced when used on a CNC plasma cutting table system such as plasmaCAM or Samson.

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