

DAMA

HYPERCUT Series (Table Type) High Performance CNC Plasma Cutting Machine

Compact & Professional **ISO9001:2000**



Features

1. The portal of the HYPERCUT is made from an extremely strong and rigid structure, designed to meet the requirements of high definition plasma applications.
2. The cutting table is integrated with the machine and equipped with fume extraction device.
3. There are 2 layers for table, upper for cutting area, lower one for sealed fume suction channel, easy to clean the cutting dross & pick up the parts & ensure the fume extraction performance in optimization.
4. The machine longitudinal and cross axis drives with rack, pinion and liner guide to do direct drive, especial the synchronized double side drives for the longitudinal axis, ensure the machine high speed traveling under stability.
5. Extra loading flame cutting torch was available, option with a flame cutting kit, up to 100mm for thicker carbon steel plate cutting.
6. Recommended option for outer bag type filter system, customer can prepare it locally or DAMA can provide the total solution for fume collecting solution.
7. Hypertherm High-End CNC controller EdgePro, ArcGlide plasma torch height sensor and HPR Hyperformance Autogas plasma as standard.
8. Option MTC ProNest software for plasma True Hole cutting.

SPECIFICATIONS

Model	HyperCut 1530	HyperCut 1560	HyperCut 1830	HyperCut 1860	HyperCut 2030	HyperCut 2060
Effective cutting width	1524 mm	1524 mm	1800 mm	1800mm	2000 mm	2000mm
Effective cutting length	3100 mm	6100 mm	3100 mm	6100mm	3100 mm	6100mm
Machine space (W x L) mm	3000 x 4500	3000 x 8000	3300 x 4500	3300 x 8000	3500 x 4500	3500 x 8000
Longitudinal drive	Dual AC Servo Motor / Rack / linear guide					
Transverse drive	AC Servo Motor / Rack / linear guide					
Cutting Speed	100 ~ 6000 mm/min					
Rapid Speed	18000 mm/min					
Plasma torch	Hypertherm ArcGlide THC					
Height sensing control						
Plasma cutting capacity	1 ~ 50mm, Refer to plasma					
Plasma gas	Refer to plasma model					
Power supply (CNC use)	3 phase, 220V, 60Hz, 5KVA					
Power supply (Plasma)	Refer to plasma model					

Fume suction table as standard

CNC controller : EdgePro

- ▶ Phoenix software built-in cut charts for automatically setting process parameters
- ▶ Built-in CutPro™ Wizard easy use.
- ▶ 15" Glass touch screen and Windows XPe operation system.
- ▶ RAM≥1GB、SATA hard drive、two USB ports、two Ethernet ports and RS422、RS232 ports
- ▶ Software utilities: Part Program Support (PPS), Remote Help, networking, Autogas support, DXF import, and simple shape nesting

Option	1. Oxy-Fuel gas cutting kit		
	<ul style="list-style-type: none"> ▶ One gas torch with motorized torch lifter and station ▶ Electric regulator & pressure gauge ▶ Oxy-Fuel cutting logic sequence control & operation panel 		
	2. Zinc powder marking torch		
	3. Bag type filter system with 7.5 HP Fan motor.		
Plasma	HYPERTHERM	HPR-130XD (130A) HPR-260XD (260A) HPR-400XD (400A)	High performance plasma auto gas

This information is subject to change without prior notice.