

CNC Plasma Cutter

FEATURES:

- Comes fully assembled - NO ASSEMBLY REQUIRED!
- Welded steel frame construction for rigidity and accuracy, designed to hold up to 1" thick sheet steel
- Automatic Torch Height Control for high cut quality and virtually no dross
- "SMART CUT" Software sets the cutting parameters without guess work for a near perfect cut first time, every time
- Optional water tank available to reduce smoke and dust
- Plasma arc confirmation monitoring and continuous or fixed step JOG
- High-speed upgrade available for good cut quality even with thin sheet metal
- Compatible with standard GCODE files
- MasterCAM and Enroute post processors available
- Simple, intuitive user interface
- Ball screw drives on all axes, patented anti-backlash ball nuts provide play free motion and long term reliability
- Built-in Emergency Stop Control
- Cutting files can be resized on the machine, built-in onscreen file editor
- Programmable in inch or metric units
- Preview software built into interface with ZOOM and 3D perspective



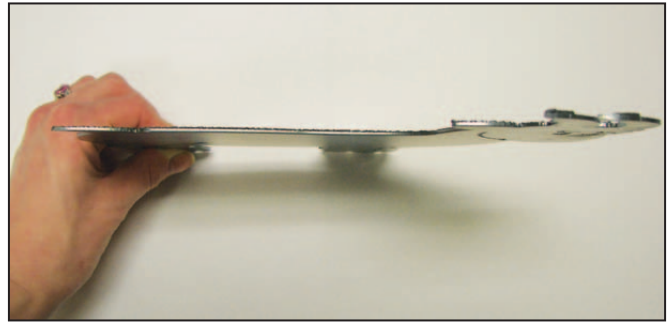
SPECIFICATIONS:

Dimensions in inch

Machine Model	Work Envelope			Foot Print			Repeatability	Resolution	Low Power Speed in/min	High Power Speed in/min
	X	Y	Z	W	L	H				
4848	48	48	1.5	85	72	48	Less than .001	Less than .001	350	900
4896		96			120					
59120	60	120	98	145						

Techno, Inc. reserves the right to change all specifications, designs and documentation without prior notice.

The piece below was cut on a high-speed, 4' x 4' Techno Plasma Cutter:



TECHNO PLASMA CUTTER MODELS/OPTIONS:

Model Options	Techno Part Numbers		
	4' x 4'	4' x 8'	5' x 10'
Standard	HXP3VPM48048010	HXP3VPM48096010	HXP3VPM59012010
High-Speed	HXP3VPM48048011	HXP3VPM48096011	HXP3VPM59012011
Water Table	HT5031-908-WTASY	HT5031-908-WTAS2	HT5031-908-WTAS3

NOTE: The high-speed version is more suitable for cutting thinner sheet metal and aluminum under 10 AWG. The part numbers above DO NOT include the Hypertherm Plasma Torch.

WATER TABLE OPTION:

There is an option for a water table to be inserted on the plasma machine. The material support beams go in the water table to still raise the material over the water. There is a drain valve on the water table to allow for cleaning. The water table can eliminate up to 80% of the fine dust that is created during plasma cutting.

There is no extra charge for shipping the water table when purchased with the plasma machine, however, if the water table is order after the plasma cutter has been shipped, significant shipping charges may incur because of size.

HYPERTHERM TORCH OPTIONS:

Hypertherm Plasma Torch	Depth of Cut (Steel/Aluminum)	Speed with Max Cut	Current	Part Number
Powermax 45	3/8"	32 ipm	20-45A	H24H00-PM0045
Powermax 1000	1/2"	27 ipm	20-60A	H24H00-PM1000
Powermax 1250	5/8"	26 ipm	25-80A	H24H00-PM1250
Powermax 1650	3/4"	26 ipm	30-100A	H24H00-PM1650

NOTE: All torches include Automatic Torch Height Control, Torch touch-off sensor and a set of consumables.

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