



# JobMaster Plasma Cutter Pro Series

## Trainer Specifications

Positioning Accuracy	(+/-) .007" (0.18mm)
Repeatability	(+/-) .002" (0.05mm)
Traverse Speed	Up to 800 ipm (338mps)
Maximum Tools	1 Plasma
Maximum System Amperage	125 amps
Maximum Cut Capacity	Up to 3/4" (20mm) Material
Includes Plasma Torch Height Control and Magnetic Breakaway Clamp	

## Power Requirements

Cutting Table:	110 V, 20A
Plasma Cutter:	220 V, 1-PH, 50-60Hz or 480 V, 3-PH, 50-60Hz (N. America only)

## Hypertherm CNC Plasma Torch Systems

These portable, professional-grade air plasma cutting systems offer increased cut capacity as well as enhanced gouging and marking capabilities. These systems are built to withstand heavy duty use in demanding environments and are an ideal choice for cutting and gouging of any electrically conductive metal. Select the model for the system size and cut capacity required.

Model	Mechanized Pierce Capacity	Output Current	Duty Cycle
Powermax 45 XP	1/2"/12mm	20-45 A	80%
Powermax 65	5/8"/16mm	20-65 A	80%
Powermax 85	3/4"/20mm	25-85 A	80%
Powermax 105	7/8"/22mm	30-105 A	80%
Powermax 125	1"/25mm	30-125 A	100% @ 125 A

## Software Included Features:

- 2D Design & Layout Tools
- Layer control, lines, snap grid
- True Shape Nesting, Test editing
- File import DWG, DXF, EPS, AI, PDF
- Image file import: BMP, JPG, TIF, GIF
- 2-D Profiling with interactive tabs/bridges
- Lead and ramp options
- Program pierce height/cut height
- Automatic cutting sequence
- Visual G-Code display/Real-time display
- Torch on/off from screen
- THC on/off from screen
- Error message display

## PC Controller

Windows-7 PC with Software pre-installed including:

- 19 inch Flat Screen Monitor
- Keyboard and Laser Mouse
- AMDA 6 – 3.9 GHz
- 8 Gigabytes DDR3 Memory
- 120 Gig solid state Hard Drive
- 4 USB 2.0 Ports, 2 USB 3.0 Ports
- Video output- VGA, DVI, and HDMI
- Windows 7 Operating System
- All fully interfaced and tested with Customer's Machine

## Plasma Cutter Pro Models

Sizes:	2ft X 2ft	4ft X 2ft	4ft X 4ft	4ft X 8ft	5ft X 10ft
Effective Cutting Width	25"	25"	49"	49"	61"
Effective Cutting Length	25"	49"	49"	97"	121"
Overall Width	3'6"	3'6"	5'6"	6'6"	7'6"
Overall Length	38"	62"	62"	110"	134"
Gantry Clearance	4"	4"	4"	4"	4"
Water Table Depth	4" or 8"	4" or 8"	4" or 8"	4" or 8"	4" or 8"

## Ordering Information

### Plasma Cutter Bundles

*In addition to the Plasma Cutter Pro Machine, each Plasma Cutter Pro Bundle includes the Hypertherm Powermax 45XP power supply, a Hypertherm Air Filtration Kit, and a Plasma Air Dryer/Filtration System*

Plasma Cutter Pro (4'x4') w/4" water table	PLS-2000-TBL4
Plasma Cutter Pro (4'x4') w/8" water table	PLS-2000-TBL8
Plasma Cutter Pro (4'x8') w/4" water table	PLS-2100-TBL4
Plasma Cutter Pro (4'x8') w/8" water table	PLS-2100-TBL8

### Plasma Cutter Pro Machines:

Plasma Cutter Pro (2'x2')	00-6109-0000
Plasma Cutter Pro (4'x2')	00-6110-0000
Plasma Cutter Pro (4'x4')	00-6103-0000
Plasma Cutter Pro (4'x8')	00-6105-0000
Plasma Cutter Pro (5'x10')	00-6111-0000

### Plasma Cutter Pro Power Supplies:

Hypertherm Powermax 45XP, Cut Capacity 1/4"	10-6100-0014
Hypertherm Powermax 65, Cut Capacity 3/8"	10-6100-0015
Hypertherm Powermax 85, Cut Capacity 1/2"	10-6100-0016
Hypertherm Powermax 105, Cut Capacity 3/4"	10-6100-0017
Hypertherm Powermax 125, Cut Capacity 1"	10-6100-0018

### Plasma Cutter Pro Consumable Kits:

Hypertherm Powermax 45 Consumable Kit	10-6100-0036
Hypertherm Powermax 65 Consumable Kit	10-6100-0037
Hypertherm Powermax 85 Consumable Kit	10-6100-0038
Hypertherm Powermax 105 Consumable Kit	10-6100-0039
Hypertherm Powermax 125 Consumable Kit	10-6100-0040

### Plasma Cutter Pro Optional Accessories:

Hypertherm Air Filtration Kit	10-6100-0021
Plasma Air Dryer/Filtration System	10-6100-0022
Scribe	10-6100-0020
Pipe Rotary – Zero to 4" Chuck	10-6100-0023
Pipe Rotary – Zero to 6" Chuck	10-6100-0024
Heavy Duty Pipe Rotary – Floor Mounted (8")	10-6100-0025
Laser Alignment	10-6100-0026

Contact Us:

**FIRST**  
TECHNOLOGIES INC.  
*Putting Education ... FIRST*

Toll Free: 800-787-9717  
Phone: 262-753-6900  
Fax: 262-753-6901

Email:  
info@firstech.com  
www.firstech.com