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PL PLASMA TABLE

- 1 CNC Plasma Cutting Machine
- 2 Bridge Design Large Footprint Plasma Table (PL Series)
- 3 PL Plasma Table



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Stock Number: **JMT PL Plasma**

Categories: **CNC Plasma Cutting Machine** (<http://jmtusa.com/cnc-plasma-cutting-machine/>), **Bridge Design Large Footprint Plasma Table (PL Series)** (<http://jmtusa.com/cnc-plasma-cutting-machine/pl-series/>)

The PL Series is manufactured as a true precision machine tool. These high performance plasma cutting machines are designed to cut a wide range of mild steel, stainless steel, and aluminum. The PL is equipped with well known, reliable, and readily available components. High positioning speeds, accelerations and automatic torch height control provide the best in high quality, efficient cutting.

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Description

Standard Equipment

- Siemens 840 D-ISL CNC control Unit
- Solid & CNC machined bridge and rail
- Robust bridge
- CAD CAM Software with Auto nesting
- Cutting plate alignment function with Laser diode
- Plasma ignition console
- Hypertherm Command Torch High Control (THC)
- Two side motion control system (backlash reducers + rack / pinion)
- AC Digital Servomotors on x and y axes



- Marking system through the plasma torch
- CNC control outputs/inputs for filter unit
- Hypertherm Spare parts, consumables starting kit
- High mechanical accuracy to +/- .004 Inches
- Very high axis positioning speed of 1365 in/min.
- Torch height control travel with ball screw on dual linear guides
- Remote diagnostics via Ethernet
- Rack & Pinion with linear guide on the z axis (torch height control)
- Thick slats on table
- Web cam for service

Optional Equipment

- Hypertherm Plasma source – choose HPR130XD, HPR260XD or HPR400XD, other non-precision or air-plasma power sources also available
- Hypertherm Automatic gas console or Manual gas console
- Water table or partitioned downdraft table
- Additional plasma torch and power supply (Plasma Torch, Torch Height Control (THC), ignition console)
- Additional Oxy-fuel Torch (Oxy-fuel torch, Oxy-fuel torch height control, Oxy-fuel torch height sensor) (maximum 2 oxy-fuel torches)
- Bridge preparation for additional torch (plasma or oxy-fuel torch)
- Manual torch or plasma beveling system $\pm 45^\circ$
- CNC controlled torch or plasma beveling system $\pm 45^\circ$
-
- 3D Cutting & Rotator (Contour plasma beveling system)
- Safety light barrier
- Fault and Program end signal lamp
- Air dryer
- Hypertherm Arcglide THC Torch Height Control (instead of Command THC) Includes integrated plasma torch breakaway system
- Drilling Spindle
- Loading & Unloading systems
- Special applications

RELATED PRODUCTS

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More info (<http://jmtusa.com/cnc-plasma-cutting-machine/pl-series/pl-plasma-table/>)

JMT INDUSTRY ASSOCIATIONS



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