

# SPEC SHEET

## 1300PL CNC PLASMA TABLE

TORMACH.COM/1300PL

### TRAVELS

X-Axis	50 in. (1270 mm)
Y-Axis	51.5 in. (1308 mm)
Z-Axis	3.9 in. (100 mm)

### MAXIMUM FEED RATE

X- and Y-Axis	1,000 IPM (25.4 m/min)
Z-Axis	120 IPM (3.0 m/min)

### TABLE SPECIFICATIONS

Table Size	51.2 in. x 51.2 in. (1.3 m x 1.3 m)
Table Type	Water Table
Material Weight Capacity	750 lbs. (340 kg)
Liquid Capacity	59 US Gallons (223 liters)

### MACHINE SPECIFICATIONS

Machine Footprint	78 in. x 70 in. (1.95 m x 1.7 m)
Overall System Height	55 in. (1.4 m)
Typical System Weight	1,232 lbs. (559 kg)

### LINEAR MOTION COMPONENTS

X- and Y-Axis Motor	Servo-Driven
Z-Axis Motor	NEMA-23 Stepper
Guideways	Precision Linear Guideway
Power Transmission	Planetary Gear (X-Axis) 5 mm HTD Belt (Y-Axis)

### MACHINE CONSTRUCTION

Water Table	Welded Steel
Machine Base	Welded Steel
Gantry Bridge	Aluminum
Gantry Supports	Steel

### SHOP REQUIREMENTS

Power Required	Single-Phase 230 Vac, 50/60 Hz, 20A breaker
Air Pressure	Between 90 - 120 psi (620 kPa - 825 kPa). If air supply is greater than 120 psi (825 kPa), you must use a regulator.

### RESOLUTION AND ACCURACY

Resolution	0.0005" (0.0127 mm)
Repeatability	±0.001 in. (±0.0254 mm)
Positional Accuracy	≤0.005 in. / ft (130 micron / 300mm)

### WARRANTY

1-Year Warranty against defects in material and workmanship.  
Extended Warranty available.



### MACHINE CONTROLLER

POWERED BY  
**PathPilot®**  
A Better User Experience

**PathPilot® HUB**

PathPilot HUB is a browser-based, full-featured PathPilot simulator, producing usable G-Code.

- User-friendly design
- Cloud-based simulator via PathPilot HUB
- Intuitive conversational programming
- DXF import capability
- Auto Cut Feeds & Speeds Calculator built in
- Usable G-Code Memory: 80 GB
- Built-in Dropbox™ support for seamlessly transferring programs

### TORCH

Plasma Source Options	Hypertherm <ul style="list-style-type: none"> <li>• Powermax45</li> <li>• Powermax65 SYNC</li> <li>• Powermax85 SYNC</li> <li>• Powermax105 SYNC</li> </ul>
Torch Type	Floating head with digital torch height control (THC)
Torch Features	Breakaway torch with collision detection

### DELIVERY NOTES AND WARRANTY

Liftgate-Ready?	Yes, it's liftgate-ready — Forklift not required
Required Equipment	Pallet jack and an engine hoist or gantry crane
Warranty	2 Years