

# TORMACH® 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.

## CONTROLLER

<p>POWERED BY</p> <p>PathPilot® Controller Standard Features</p>	User-friendly design
	Cloud-based simulator via PathPilot HUB
	Intuitive conversational programming
	DXF import capability
	Auto Cut Feeds & Speeds Calculator built in
	80 GB of available space for G-Code
	Built-in Dropbox™ support for seamlessly transferring programs

## TORCH

Plasma Source Options	Hypertherm Powermax45 XP or Powermax65
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