TORMACH® 24R

TRAVELS	
X-Axis	24.75 in. (625 mm)
Y-Axis	55.75 in. (1415 mm)
Z-Axis	6.70 in. (170 mm)

SPINDLE	
Spindle Power	2 hp (1.5 kW)
Spindle Type	Electrospindle
Minimum Speed	10,000 RPM
Maximum Speed	24,000 RPM
Cooling	Water-Cooled (Chiller Included)
Spindle Taper	Stock: ER20 | ATC: ISO20
Thread Machining	Thread Mill

MAXIMUM FEED RATE	
X-, Y-, and Z-Axis	200 in./min (5.0 m/min)

POWER	
Power Required	Single-Phase 115 Vac, 50/60 Hz, 15A breaker

MACHINE SPECIFICATIONS	
Table Type	Integrated Vacuum Table
Table Size	26.7 in. × 65 in. (680 mm × 1650 mm)
Gantry Clearance	6 in. (154 mm)
Machine Footprint	72 in. × 39 in. (1.8 m × 1 m)
Overall System Height	76.5 in. (1.9 m)
Typical System Weight	900 lb (408 kg)

LINEAR MOTION COMPONENTS	
Axis Motion	Ballscrew and Stepper Driver
Guideways	Precision Linear Guideway

MACHINE CONSTRUCTION	
Stand	Welded Steel (Included)
Machine Base	Cast Iron
Gantry	Aluminum

RESOLUTION AND ACCURACY	
Resolution	0.00025 in. (0.006 mm)
Ball Screw Positional Accuracy	±0.002 in./ft. (±0.167 mm/m)
Repeatability	±0.001 in. (±0.02 mm)

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

ACCESSORIES
- Dust Shoe (Included)
- Electronic Tool Setter (Optional)
- Vacuum Pump (Optional)
- 10-Tool Automatic Tool Changer (Optional)

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 visual interface
- 3D toolpath preview
- Support for up to 4-axis continuous machining
- Automatic spindle speed control
- Compatible with standard G-Code Usable G-Code Memory: 80 GB
- Intuitive conversational programming
- Built-in Dropbox™ support for seamlessly transferring programs

TORMACH®