

SPEC SHEET

24R CNC ROUTER

TORMACH.COM/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)
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POWER

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

TORMACH®

24R



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