

SPEC SHEET

8L CNC LATHE MACHINE

TORMACH.COM/8L

SPINDLE

Spindle Power	1.5 hp (1.11 kW)
Spindle Speed	Low: 180 to 2,500 rpm High: 350 to 5,000 rpm
Through Spindle Bore	1 in. (25.4 mm)
Maximum Stock Over Bed	8 in. (200 mm)
Maximum Stock Over Carriage	4 in. (100 mm)
Spindle Nose	5C

TAILSTOCK

Taper	MT2
Diameter	0.9 in. (22 mm)
Travel	2.2 in. (55 mm)

TRAVELS

X-Axis	4.5 in. (114 mm)
Z-Axis	10 in. (254 mm) with tailstock

MOTION

X- and Z-Axis Maximum Feed Rate	150 IPM (3.8 m/min)
Axis Drivers (X,Z)	High-Performance Polyphase Stepper Motors with Leadshine® Microstepping Drivers

POWER

Power Requirements	Single-Phase 115 Vac, 50/60 Hz, 15A breaker Supplied with NEMA 5-15P plug; requires NEMA 5-15R receptacle
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MACHINE SPECIFICATIONS

Carriage Length × Width	7.25 in. × 4 in. (185 mm × 102 mm)
Machine Footprint	50 in. × 26 in. (1.2 m × 0.7 m)
Typical System Weight	838 lbs. (380 kg)
Maximum Swing Over Bed	8 in. (200 mm)
Maximum Swing Over Carriage	4 in. (100 mm)
Maximum System Height with Door Open	66 in. (1.6 m)
Overall System Height	52 in. (1.3 m)

WARRANTY

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

8L



ACCESSORIES

Quick Change Tool Post (Standard)
Full Enclosure (Standard)
Automatic Collet Closer (Optional)
Machine Stand (Optional)
Coolant (Optional)

MACHINE CONTROLLER

POWERED BY PathPilot® A Better User Experience	User-friendly design
PathPilot® HUB	Intuitive conversational programming
PathPilot HUB is a browser-based, full-featured PathPilot simulator, producing usable G-Code.	Features: • Rigid Tapping • Single Point Threading • Constant Surface Speed
	Usable G-Code Memory: PathPilot Controller: 80 GB PathPilot Operator Console: 40 GB