TORMACH® 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

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.

ACCESSORIES
Quick Change Tool Post (Standard)
Full Enclosure (Standard)
Machine Stand (Optional)
Coolant (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 design	
Intuitive conversational programming	
Features: • Rigid Tapping • Single Point Threading • Constant Surface Speed	
Usable G-Code Memory: PathPilot Controller: 80 GB PathPilot Operator Console: 40 GB	
Built-in Dropbox™ support for seamlessly transferring programs	

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