

SPEC SHEET

8L CNC LATHE MACHINE

TORMACH.COM/8L

TORMACH®

8L



SPINDLE

Spindle Power	1.5 hp (1.11 kW)
Spindle Speed	Two spindle ranges with speeds from 180 to 5,000 rpm
Through Spindle Bore	1 in. (26 mm)
Maximum Workpiece Length	10 in. (254 mm) with tailstock
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. (330 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
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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)

ACCESSORIES

Quick Change Tool Post (Standard)
Full Enclosure (Standard)
Machine Stand (Optional)
Coolant (Optional)
Automatic 5C Collet Closer (Coming Soon)

MACHINE CONTROLLER

<p>POWERED BY</p> <h2>PathPilot®</h2> <p>A Better User Experience</p>	User-friendly design
	Intuitive conversational programming
<p>PathPilot® HUB</p> <p>PathPilot HUB is a browser-based, full-featured PathPilot simulator, producing usable G-Code.</p>	<p>Features:</p> <ul style="list-style-type: none"> • Rigid Tapping • Threading • Constant Surface Speed
	<p>Usable G-Code Memory:</p> <p>Brix Controller: 80 GB</p> <p>PathPilot Operator Console: 40 GB</p>
	Built-in Dropbox™ support for seamlessly transferring programs