

# 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 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
--------------------	---

## MACHINE SPECIFICATIONS

Carriage Length x Width	7.25 in. x 4 in. (185 mm x 102 mm)
Machine Footprint	50 in. x 26 in. (1.2 m x 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.
---

TORMACH®

# 8L



## ACCESSORIES

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

## MACHINE CONTROLLER

<p>POWERED BY</p> <p><b>PathPilot®</b></p> <p>A Better User Experience</p>	User-friendly design
	Intuitive conversational programming
<p><b>PathPilot® HUB</b></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"> <li>• Rigid Tapping</li> <li>• Threading</li> <li>• Constant Surface Speed</li> </ul>
	<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