

SPEC SHEET

770M CNC MILLING MACHINE

TORMACH.COM/770M

TRAVELS

X-Axis	14 in. (356 mm)
Y-Axis	7.5 in. (191 mm)
Z-Axis	13.25 in. (337 mm)

SPINDLE

Spindle Power	1.5 hp (1.12 kW)
Maximum Speed	10,000 RPM
Transmission	Poly-V Belt
Spindle Taper	R8
Thread Machining	<ul style="list-style-type: none"> • Tension/Compression • Auto-Reversing • Thread Mill

MAXIMUM FEED RATE

X- and Y-Axis	135 IPM (3.43 m/min)
Z-Axis	110 IPM (2.79 m/min)

POWER

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

Table Size	26 in. × 8 in. (660 mm × 203 mm)
Table Slots	5/8 in. (15.9 mm) (three slots)
Spindle Nose to Table Max Clearance	14.25 in. (362 mm)
Spindle Centerline to Machine Column	8.6 in. (218 mm)
Typical System Footprint	56 in. × 48.5 in. (1422 mm × 1232 mm)
Overall System Height	88 in. (2235 mm)
Typical System Weight	950 lbs. (431 kg)
Maximum Weight on Table	500 lbs. (227 kg)

FRAME

Frame and Table	Cast iron frame and table, with hand-scraped hydrodynamic ways and tapered adjustment gibs
Way Surfaces	Low-friction PTFE-filled, Acetyl-bonded sliding surface. Similar to Rulon® and Turcite®.

WARRANTY

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



OPTIONAL ACCESSORIES

10-Pocket Automatic Tool Changer
Power Drawbar
4th Axis
SmartCool™ Coolant System
RapidTurn™ Chucker Lathe Accessory
PathPilot® Operator Console
Full Enclosure
High-Speed Spindle

MACHINE CONTROLLER

<p>POWERED BY</p> <p>PathPilot®</p> <p>A Better User Experience</p> <p>PathPilot® HUB</p> <p>PathPilot HUB is a browser-based, full-featured PathPilot simulator, producing usable G-Code.</p>	User-friendly design
	Support for up to 4-axis continuous machining
	Intuitive conversational programming
	Usable G-Code Memory: PathPilot Controller: 80 GB PathPilot Operator Console: 40 GB
	Built-in Dropbox™ support for seamlessly transferring programs