

SPEC SHEET PCNC 440 CNC MILLING MACHINE

TORMACH.COM/440

PCNC440 PERSONAL CNC

TRAVELS

X-Axis	10 in. (254 mm)
Y-Axis	6.25 in. (159 mm)
Z-Axis	10 in. (254 mm)

SPINDLE

Spindle Power	0.75 hp (0.56 kW)
Maximum Speed	10,000 RPM
Transmission	Poly-V Belt
Spindle Taper	R8
Thread Machining	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 Supplied with NEMA 5-15P plug; requires NEMA 5-15R receptacle
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MACHINE SPECIFICATIONS

Table Size	18 in. x 6.3 in. (457 mm x 160 mm)
Table Slots	3/8 in. (9.5 mm) (three slots)
Spindle Nose to Table Max Clearance	12 in. (305 mm)
Spindle Centerline to Machine Column	6.5 in. (165 mm)
Typical System Footprint	42 in. x 36 in. (1067 mm x 914 mm)
Overall System Height	72 in. (1829 mm)
Typical System Weight	600 lbs. (272 kg)
Maximum Weight on Table	150 lbs. (68 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

8-Pocket Automatic Tool Changer
Power Drawbar
4th Axis
SmartCool™ Coolant System
Full Enclosure
Flood Coolant

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
	Support for up to 4-axis continuous machining
	Intuitive conversational programming
	Usable G-Code Memory: 80 GB