

# TORMACH® PCNC 440®



## 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
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## MACHINE SPECIFICATIONS

Table Size	18 in. × 6.3 in. (457 mm × 160 mm)
Table Slots	3/8 in. (9.5 mm) (three slots)
Spindle Nose to Table Max Clearance	11 in. (279 mm)
Spindle Centerline to Machine Column	6.5 in. (165 mm)
Typical System Footprint	42 in. × 36 in. (1067 mm × 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®

## OPTIONAL ACCESSORIES

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

## MACHINE CONTROLLER

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