

# SPEC SHEET 1100M CNC MILLING MACHINE

TORMACH.COM/1100M

## TRAVELS

X-Axis	18 in. (457 mm)
Y-Axis	11 in. (279 mm)
Z-Axis	16.25 in. (413 mm)

## SPINDLE

Spindle Power	2 hp (1.49 kW)
Maximum Speed	7500 RPM
Transmission	Poly-V Belt
Spindle Taper	R8
Thread Machining	<ul style="list-style-type: none"> <li>• Tension/Compression</li> <li>• Auto-Reversing</li> <li>• Thread Mill</li> </ul>

## MAXIMUM FEED RATE

X- and Y-Axis	110 IPM (2.79 m/min)
Z-Axis	90 IPM (2.29 m/min)

## POWER

Power Required	Single-Phase 230 Vac, 50/60 Hz, 20A breaker
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## MACHINE SPECIFICATIONS

Table Size	34 in. × 9.5 in. (863 mm × 241 mm)
Table Slots	5/8 in. (15.9 mm) (three slots)
Spindle Nose to Table Max Clearance	18 in. (457 mm)
Spindle Centerline to Machine Column	11 in. (279 mm)
Typical System Footprint	69 in. × 56.5 in. (1753 mm × 1435 mm)
Overall System Height	96 in. (2439 mm)
Typical System Weight	1600 lbs. (726 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.
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## OPTIONAL ACCESSORIES

12-Pocket Automatic Tool Changer
Power Drawbar
4th Axis
SmartCool™ Coolant System
RapidTurn™ Chucker Lathe Accessory
Full Enclosure
High-Speed Spindle

## 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: PathPilot Controller: 80 GB PathPilot Operator Console: 40 GB
	Built-in Dropbox™ support for seamlessly transferring programs