



Tormach Mills	TORMACH® 1100M		TORMACH® 1100MX		TORMACH® 770M		TORMACH® 770MX		TORMACH® PCNS 2410
<b>TRAVELS</b>									
X-Axis	18" (457 mm)				14" (356 mm)				10" (254 mm)
Y-Axis	11" (279 mm)				7.5" (191 mm)				6.25" (159 mm)
Z-Axis	16.25" (413 mm)				13.25" (337 mm)				13.25" (337 mm)
<b>SPINDLE</b>									
Spindle Power	2 hp (1.49 kW)				1.5 hp (1.12 kW)				0.75 hp (0.56 kW)
Maximum Speed	7500 RPM		10,000 RPM		10,000 RPM				10,000 RPM
Transmission	Poly-V Belt				Poly-V Belt				Poly-V Belt
Spindle Taper	R8		BT30		R8		BT30		R8
Thread Machining	Tension/Compression, Auto-Reversing, Thread Mill		Rigid Tapping, Tension/Compression, Thread Mill		Tension/Compression, Auto-Reversing, Thread Mill		Rigid Tapping, Tension/Compression, Thread Mill		Thread Mill
<b>MAXIMUM FEED RATE</b>									
X- and Y-Axis	110 IPM (2.79 m/min)		300 IPM (7.62 m/min)		135 IPM (3.43 m/min)		300 IPM (7.62 m/min)		135 IPM (3.43 m/min)
Z-Axis	90 IPM (2.29 m/min)		230 IPM (5.84 m/min)		110 IPM (2.79 m/min)		250 IPM (6.35 m/min)		110 IPM (2.79 m/min)
Axis Motor	Stepper Driven		Servo Driven		Stepper Driven		Servo Driven		Stepper Driven
<b>POWER</b>									
Power Required	Single-Phase 230 Vac, 50/60 Hz, 20A breaker				Single-Phase 115 Vac, 50/60 Hz, 15A breaker				Single-Phase 115 Vac, 50/60 Hz, 15A breaker
<b>MACHINE SPECIFICATIONS</b>									
Table Size	34" × 9.5" (863 mm × 241 mm)				26" × 8" (660 mm × 203 mm)				18" × 6.3" (457 mm × 160 mm)
Table Slots	5/8" (15.9 mm) (three slots)				3/8" (9.5 mm) (three slots)				3/8" (9.5 mm) (three slots)
Spindle-to-Nose Maximum Clearance	17" (432 mm)				13.25" (337 mm)				11" (279 mm)
Spindle Centerline to Machine Column	11" (279 mm)				8.6" (218 mm)				6.5" (165 mm)
Machine Size	69" × 56.5" (1753 mm × 1435 mm)				56" × 48.5" (1422 mm × 1232 mm)				42" × 36" (1067 mm × 914 mm)
Overall System Height	92" (2337 mm)				88" (2235 mm)				72" (1829 mm)
Typical System Weight	1600 lb (726 kg)				950 lb (431 kg)				600 lb (272 kg)