

TMX8MYSi

The TMXMY/S mill turn lathes are true slant-bed lathes with all-digital drives and motors and absolute encoders on all linear axes.

- More Y-axis travel than competitive models

➤ Sub-spindle with chiller

➤ Cast iron frame designed with Finite Element Analysis (FEA)

➤ True 30-degree slant-bed casting design promotes:

■ increased rigidity

■ larger turning capacity

■ efficient chip removal
- Large ball screws to minimize friction (1.42-inches X/Z/W + 1.26 inches Y)

➤ Linear motion guideways on all axes:

■ less friction at higher speeds

■ easier and less expensive to replace

➤ Distance between guide ways promotes rigidity

■ 10 inches X-axis and Y-axis

■ 18.5 inches Z-axis

■ 11.4 inches W

CAPACITY & TRAVEL	Distance Between Centers	28.5 in (724 mm)
	Swing Over Bed Diameter	20 in (508 mm)
	Swing Over Cross Slide Diameter	20 in (508 mm)
	X, Z, W, Y Axis Travel	11.4 x 22 x 25.2 x +/- 2.2 in (290 x 560 x 640 x +/- 55 mm)
	Max. Turning Diameter	10.9 in (276.4 mm)
	Max. Turning Length	20.7 in (527 mm)
	Max. Bar Capacity	3.07 in (77.9 mm)
SPINDLE	Torque	176.3 lb/ft @ 1,000 RPM (239 Nm @ 1,000 RPM)
	Spindle Power	33.5 hp (25 kW)
	Spindle Nose	A2-6
	Chuck Diameter	8 in (203 mm)
	Tool Capacity	12 Stations
	Tool Type	BMT65 / DIN 1809
TURRET	Turret Index Time-Adjacent	.31 seconds
	Turrent Index Time-Furthest	.78 seconds
	Rapid Traverse X,Z,W,Y Axis	945 in/min, 1,181 in/min, 1,181 in/min, 472 in/min (24 m/min, 30 m/min, 30 m/min, 12 m/min)
LIVE SPINDLE	Sub Spindle Power	20.1 hp (15 kw)
	Sub Chuck Diameter	6 in (152.4 mm)
	Machine Weight	14,520 lb (6,586 kg)