

The small footprint, large work cube, chip management system, and affordable price tag of our slant-bed CNC lathes in the TM Series make small batch manufacturing profitable.

- › True 30-degree slant-bed casting design promotes:
 - increased rigidity
 - larger turning capacity
 - efficient chip removal
- › Cast iron frame designed with Finite Element Analysis (FEA)
- › Maintenance-free cartridge spindle with permanently greased bearings
- › Bi-directional hydraulic turret decreases tool index time
- › Linear motion guideways on all axes:
 - less friction at higher speeds
 - easier and less expensive to replace
- › Optional tailstock mounted on heavy-duty box ways with live center
- › Large 1.26-inch ball screws X/Z minimize friction
- › Distance between guide ways promotes rigidity
 - 7.87 inches X-axis
 - 12 inches Z-axis

CAPACITY & TRAVEL	Distance Between Centers	28.9 in (735 mm)
	Swing Over Bed Diameter	ø22.9 in (ø582 mm)
	Swing Over Cross Slide Diameter	ø15.8 in (ø402 mm)
	X, Z Axis Travel	9.8 x 31.1 in (250 x 790 mm)
	Max. Turning Diameter	17.7 in (450 mm)
	Max. Turning Length	29.9 in (760 mm)
	Max. Bar Capacity	3.18 in (81 mm)
SPINDLE	Torque	258 ft/lb @ 600 rpm (350 Nm @ 600 rpm)
	Spindle Power	29.5 hp (22 kW)
	Spindle Nose	A2-8
	Chuck Diameter	10 in (254 mm)
	Tool Capacity	12 Stations
	Tool Type	Slotted Disc
TURRET	Turret Index Time-Adjacent	0.5 seconds
	Turret Index Time-Furthest	1.5 seconds
	Rapid Traverse X,Z Axis	1181, 1181 in/min (30, 30 m/min)
	Machine Weight	11,054 lb (5,014 kg)