HURCO

TMX10MYS

Multi-tasking at its finest.

High performance specifications and meticulous design and construction of the TMX10MYS make for a powerful turning center capable of the most productive multi-tasking feats. Faster rapids, increased travels, and more horsepower cut production time. And the TMX10MYS is a true slant-bed lathe, which provides increased rigidity and facilitates larger capacity. With radial live tooling and a sub-spindle, you can finish parts on both the front and the back side. Less setups and less material handling equals greater productivity.

		TMX10MYS
	X, Z, W, Y Axis Travel, inches (mm)	8.76 x 26 x 29.13 x 4.4 (222.5 x 660 x 740 x 110)
	Swing Over Cross Slide, inches (mm)	20 (508)
	Distance Between Centers, inches (mm)	32.5 (824.5)
	Max Cutting Diameter, inches (mm)	14.76 (375)
	Max Cutting Length, inches (mm)	24.7 (627)
	Bar Capacity, inches (mm)	3 (76)
	Peak Spindle Motor, Main Spindle, hp (Kw)	37.3 (27.8)
	Max Spindle Motor Torque, ft lbs (Nm) @ rpm 3.5k	258.2 (350) @ 759
	Rapid Traverse X, Z Axis, ipm (M / min)	945 / 1,181 (24 / 30)
	Tool Shank, inches (mm)	1 (25) Square
	Number of Tools Standard	12 / Radial
	3 Jaw Chuck, Main Spindle, inches (mm)	10 (254)
	Turret Index Time - Adjacent, seconds	0.50
	Positioning, inches (mm)	0.0004 (0.010)
	Repeatability, inches (mm)	0.0002 (0.005)
	Weight, pounds (Kg)	14,991 (6,800)
Live Tooling	HP (Kw)	7.3 (5.4)
Live Tooling	Torque, ft lbs (Nm) @ rpm 4k	17 (23) @ 2,250
Live Tooling	Tooling	VDI 40 / DIN 5480 / Radial
Sub-spindle	Peak Spindle Motor, hp (Kw)	20 (15)
Sub-spindle	Torque, ft lbs (Nm) @ rpm 6k	70.4 (99.5) @ 1,450
Sub-spindle	Chuck, inches (mm)	8 (203)
Sub-spindle	Bar Capacity, inches (mm)	1.77 (45)

Optimum machine performance is reliant upon installation conditions at the facility, such as power supply, air supply, and ambient air conditions.

Best in class features

- Programmable synchronous sub-spindle with C-axis control.
- Enhanced graphics capability to represent sub-spindle operations.
- Bi-directional part transfer.
- Index position within one degree on main spindle, sub-spindle, and live tool.
- All digital control, drives, and motors with absolute encoders on all linear axes result in superior surface finish capability and superior performance for turning and milling operations.
- Live tool turret with Y-axis capability.
- Radial turret gives you more options.
- Fast servo driven turret.
- Generous through-hole.
- Hydraulic system with heat exchanger promotes thermal stability, which increases reliability, accuracy, and repeatability.
- Ergonomic design features, such as front foot pedals to quickly open/close the chuck and engage/disengage the tailstock, provide maximum productivity and convenience.
- Options are plug and play so they can be easily added at any time.