



Multi-Axis Mill-Turn CNC Machining Made Easy



The TMXMY/S mill turn CNC lathes are true slant-bed lathes with all-digital drives and motors and absolute encoders on all linear axes. The addition of the Y-axis allows you to machine a pocket with straight walls and flat bottoms or perform off-centre machining operations with just a click of a box. The addition of the sub-spindle allows all operations to be completed in a single handling.

MAX 5

From print to
part to profit



TMXMYi and TMXMYSi Series

HIGH PERFORMANCE TURNING CENTRES

	TMX 8i	TMX 10i	TMX 8 MYi	TMX 10 MYi	TMX 8 MYSi	TMX 10 MYSi
Capacity						
Distance between centres (mm)	754	852	754	854	727	822
Swing over bed diameter (mm)	640	640	508	560	508	560
Swing over cross slide diameter (mm)	415	415	508	560	508	560
Maximum turning diameter (mm)	355	415	336	375	336	375
Maximum turning length (mm)	535	634	527	627	527	627
Draw-tube diameter (mm)	64.5	81	64.5	78	64.5	78
Travels						
X-Axis (mm)	203	232	285	305	285	305
Z-Axis (mm)	560	660	560	670	560	670
Y-Axis (mm)	-	-	+/- 55	+/- 55	+/- 55	+/- 55
W-Axis (mm)	640	740	640	740	640	740
Main Spindle						
Maximum speed (rpm)	4,500	3,500	4,500	3,500	4,500	3,500
Maximum torque (Nm @ rpm)	209 @ 1,058	297 @ 747	239 @ 1,000	267 @ 1,000	239 @ 1,000	267 @ 1,000
Spindle power Max. (kW)	23.2	23.2	25	28	25	28
Spindle nose	A2-6	A2-8	A2-6	A2-8	A2-6	A2-8
Chuck diameter (mm)	210	260	203	254	203	254
Turret						
Turret type	Slotted Turret	Slotted Turret	VDI 40 / DIN 1809	VDI 40 / DIN 1809	VDI 40 / DIN 1809	VDI 40 / DIN 1809
Stations	12	12	12	12	12	12
Tool shank (mm)	25 x 25	25 x 25	25 x 25	25 x 25	25 x 25	25 x 25
Maximum boring bar diameter (mm)	40	40	40	40	40	40
Sub-Spindle						
Maximum speed (rpm)	-	-	-	-	6,000	6,000
Maximum torque (Nm @ rpm)	-	-	-	-	102 @ 1,390	102 @ 1,390
Spindle power (kW @ rpm)	-	-	-	-	15 @ 1,390	15 @ 1,390
Live Tools						
Maximum speed (rpm)	-	-	5,000	5,000	5,000	5,000
Maximum torque (Nm @ rpm)	-	-	27 @ 2,190	27 @ 2,190	27 @ 2,190	27 @ 2,190
Spindle power (kW @ rpm)	-	-	6.3 @ 2,190 RPM	6.3 @ 2,190 RPM	6.3 @ 2,190 RPM	6.3 @ 2,190 RPM
Feeds						
Rapid traverse X (m/min)	30	30	24	24	24	24
Rapid traverse Z (m/min)	30	30	30	30	30	30
Rapid traverse Y (m/min)	-	-	12	12	12	12
Rapid traverse W (m/min)	30	30	30	30	30	30

MACHINING CENTRES



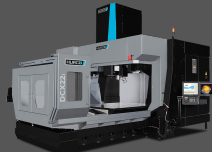
TURNING CENTRES



5 AXIS



DOUBLE COLUMN



SUPERIOR CONTROLS



Further information and technical data available at www.thmachinetools.co.za.

Machines shown with options.

Prices and information may change without notice.

HURCO®

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