

GT-300LMA



SPECIFICATIONS

MACHINING CAPACITY

-Swing Over Bed	ø600 mm ø23.62"
-Swing Over Carriage	ø450 mm ø17.72"
-Max. Turning Diameter	ø360 mm ø14.17"
-Max. Turning Length	1,292 mm 50.87"
-Distance Between Center	1,441 mm 56.73"

SPINDLE

Height Between Spindle Center and Ground 1,060 mm 41.73"

-Chuck Diameter	10" Chuck
-Spindle Nose	A2-8
-Front Bearing Diameter	ø130 mm ø5.12"
-Hole Through Spindle	ø88 mm ø3.46"
-Hole Through Draw Tube	ø75 mm ø2.95"
-Spindle Speed	3500 rpm
Max. Spindle torque	77.3 kgf-m 559.12 lb-ft
-C-axis Index Accuracy	0.001°

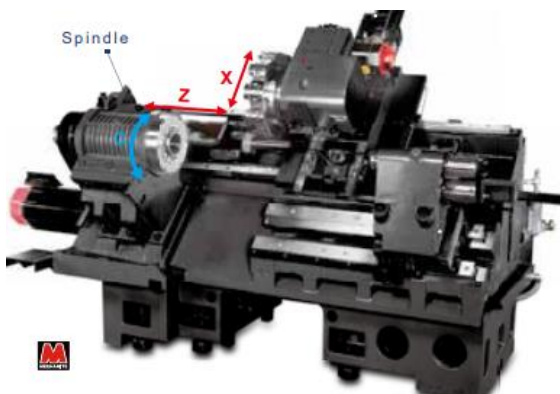


MAIN TRAVEL

-X-axis Travel	275 mm 10.83"
-Z-axis Travel	1,292 mm 50.87"

FEEDRATE

-Rapid Feedrate (X/Z)	20/24 m/min. 787/945 ipm
-Cutting Feedrate	1~10,000 mm/min. 0.04~394 ipm



Efficient Combination of Y & C-axis

	Y & C-axis	C-axis
End Face Drilling	<p>○ Fast</p> 	<p>○ Slow</p> 
Off-center Drilling	<p>○</p> 	<p>✗</p>
Off-center Side Grooving	<p>○</p> 	<p>✗</p>
Large Face Milling	<p>○ Fast</p> 	<p>○ Slow</p> 
Contouring	<p>○ Finish Surface Without Pin Points</p> 	<p>✗ Rough Surface</p>
Keyway Machining	<p>○ High Accuracy</p> 	<p>○</p> 
X & C-axis Polar Interpolation	<p>○ Fast</p> 	<p>○ Slow</p>
X & Y-axis Circular Interpolation	<p>○ Fast</p> 	<p>○ Slow</p>