

LATHES

ML-560M



- Fanuc Oi-mate-TD controller+8.4" color LCD+manual guide Oi
- FANUC spindle motor β 12/7000 (11/15kW)
- FANUC servo motor β S 12/3000 X/Z: 1.8/1.8kW
- Draw bar dia.: 52 mm
- STRONG 8" 3-jaw hydraulic hollow chuck
- Spindle speed 4,500 rpm
- LioShing 10-Tool Hydraulic Turret (LS-160A)
- Coolant system
- Automatic lubrication system
- Programmable tailstock with MT4 quill
- Wedge Type Tool Clamps (for OD Tools)
- Boring Bar Holders
- Boring bar bushings ($\varnothing 8, \varnothing 10, \varnothing 12, \varnothing 16, \varnothing 20, \varnothing 25, \varnothing 32$) x O.D.40
- Work lamp + End of program indicator (3-color)

- Taper Sleeve (MT2 & MT3 & MT4)xO.D.40
- 1*Soft and 1*Hard Jaws
- leveling bolts and pads
- Tool Kit
- Fully enclosed splash guard
- YIDA manuals (operator & maintenance, parts list, electrical drawing)
- Fanuc manuals
- Chain type chip conveyor & chip cart
- 2-year FANUC controller warranty
- 1-year machine parts warranty (Ex-work Factory)
- Linear guide way
- Rigid 30 degree slant bed design of one piece construction
- Class C2 ball screws

ML-560M	Standard	C axis
Working range		
Chuck diameter (inch)	Ø 6" (Ø.8")	
Swing over bed / saddle (mm)	Ø560 / Ø 420	
Distance between centers (mm)	787	
Max. machining dia. (mm)	Ø320	Ø300
Max. machining length (mm)	570	
Travels		
X/Z-axis (mm)	190 / 610	190 / 610
Spindle		
Spindle speeds (rpm)	6000 (4500)	
Spindle nose	A2-5 (A2-6)	
Spindle bore dia. / Draw bar dia. (mm)	Ø55 / Ø45 (Ø62 / Ø52, Ø76 / Ø65)	
Front bearing inner dia. (mm)	Ø80 (Ø100)	
Turret		
Stations	8 (10)	12
Square tool shank	25x25	20x20
Boring bar shank diameter	Ø40	
Live-tooling BARUFFALDI		
Spindle speeds (rpm)		5000
Tool servo motor (kW)		α2 2.2/3.7
Feedrate		
X/Z-axis rapid traverse (M/min)	30 / 30	
Programmable tailstock		
Quill diameter / travel (mm)	Ø65 / 50	
Quill bore taper	MT-4	
Motors		
Main spindle (kW)	β8 7.5/11 (β12, α8)	
X/Z-axis servo motor (kW)	β8 1.2 / β8 1.2	
Accuracy XZ ISO230-2 (97)		
Positioning / repeatability (μ)	±4 / ±3	
General		
Packing (w/conveyor) (cm)	404x228x218	
Net weight (w/conveyor) (kgs)	4170	
Power (KYA)	380-415/220V 15KYA	

