High Precision Compact CNC Slant-Bed Lathe Machine with Advanced Roller Guides and FANUC Control System for Maximum Productivity



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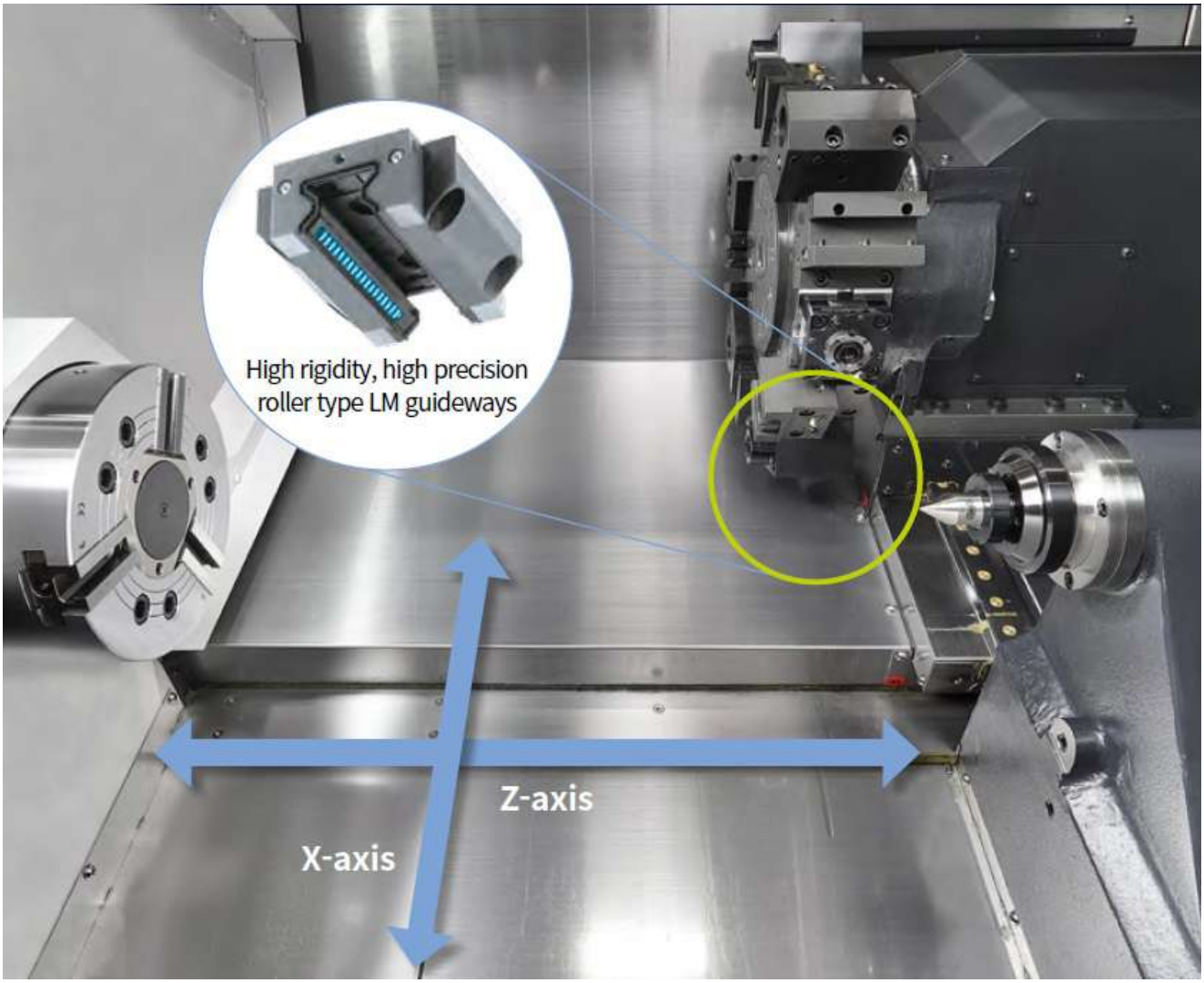
This kind of MM-S510 is the High Precision Slant-Bed CNC Lathe Machine with Advanced Roller Type Linear Motion Guide-ways and FANUC Oi-TF Plus CNC Control System for Excellent Durability which is been made in ISO9001 factory with CE Safety Certification. Such Compact Design Inclined-Bed CNC Lathe with ultra fast rapids and high-speed turret indexing that deliver improved operation efficiency and greater productivity.

Main Feature :

Convincing Arguments: Quality, Efficiency and Price

- Machine Frame with 30° Slant-Bed Design for Large Machining Diameter
- Maximum Swing Over Bed 510 mm and Maximum Cutting Work-piece Length 500 mm
- **Roller Type Linear Guides on all axis to ensure Maximum Reliability and Rigidity**
- FANUC Oi-TF Plus CNC Control System meets all requirements for advanced control technology
- Powerful Spindle Speed up 4600 RPM for Maximum Productivity
- High Productivity through Minimizing Non-Cutting Time
- Improved User-Friendly Design for Efficiency and Productivity
- Enhanced Complex and Prismatic Machining
- Optimized Machine Structure Design using FEM (Finite Element Method) Analysis
- Heavy machine frame with inclined bed ensuring high rigidity and easy chip removal
- Hardened and Precision Ground Ball Screws for High Rapid Traverse Speed in all axes
- Automatic Central Lubrication System ensures reliable lubrication of guide-ways
- Powerful headstock main motor delivers high torque across the entire speed range
- The enclosed work space is easily accessible through large sliding door
- EMC Electromagnetic Compatibility
- The Hydraulic 3-Jaw Lathe Chuck with Through-hole is already included
- The 12-Station Tool Turret is already included
- The Chip Conveyor is already included
- Heavy Duty Hydraulic Tailstock is Optional
- Siemens SINUMERIK 828D CNC Control System is Optional
- Industrial Robot Automation is Optional
- Certificate of Original (CO, FORM A, FORM E, FORM F)

Roller Type Linear Motion Guides for Super Reliability and Precision



Technical Data :

Product Name :	High Precision Slant Bed CNC Lathe Machine
Product Item :	MM-S 510
Bed Type :	Slant Bed
Angled Bed :	30 degree
Guide-way Type :	**Roller Type Linear Guides**
CNC Control System :	FANUC Oi-TF Plus (5)
Machine Data	
Maximum Swing over Bed :	Ø 510 mm
Maximum Turning Diameter :	Ø 320 mm
Maximum Turning Work-piece Length :	**500 mm**
Headstock	
Spindle Bore :	Ø 66 mm
Maximum diameter of Through-hole :	Ø 51 mm
Spindle Nose :	A2-6
Lathe Chuck Diameter :	Ø 210 mm (8 inch, Hydraulic Type with Through-hole)
Spindle Speed :	4500 RPM
Nos. of Tool Position :	**12-station (Servo Type)**
Max. Size of Tool Post :	25 X 25 mm
Travel	
X-Axes Travel :	175 mm
Z-Axes Travel :	530 mm
Rapid Feed of X- / Z-axes :	30000 / 24000 mm /min
Tailstock	
Tailstock Taper :	MT 4 (Hydraulic Type is optional)
Tailstock Quill Stroke :	80 mm
Precision	
Positioning Accuracy :	± 0.005 mm
Repeatability Accuracy :	± 0.003 mm
Drive Capacity	
Main Motor :	11 / 15 KW
Connect Voltage :	Three Phase 400V
Gross Weight :	3580 KGS
Packing Size :	2600 X 2220 X 1850 mm
Standard Accessory :	FANUC Oi-TF Plus (5) CNC Control System, Chip Conveyor, Roller Type LM Guides, 12-station Servo Type Tool Turret, 3-Jaw Hydraulic Chuck, Machine Lamp, Lubrication System, Tools and Tool-box