High Performance CNC Inclined-Bed Lathe Machine with Advanced Roller Guides for Excellent Precision, Speed and Durability



www.maxnovocnc.com +86-514-87892928 info@maxnovocnc.com

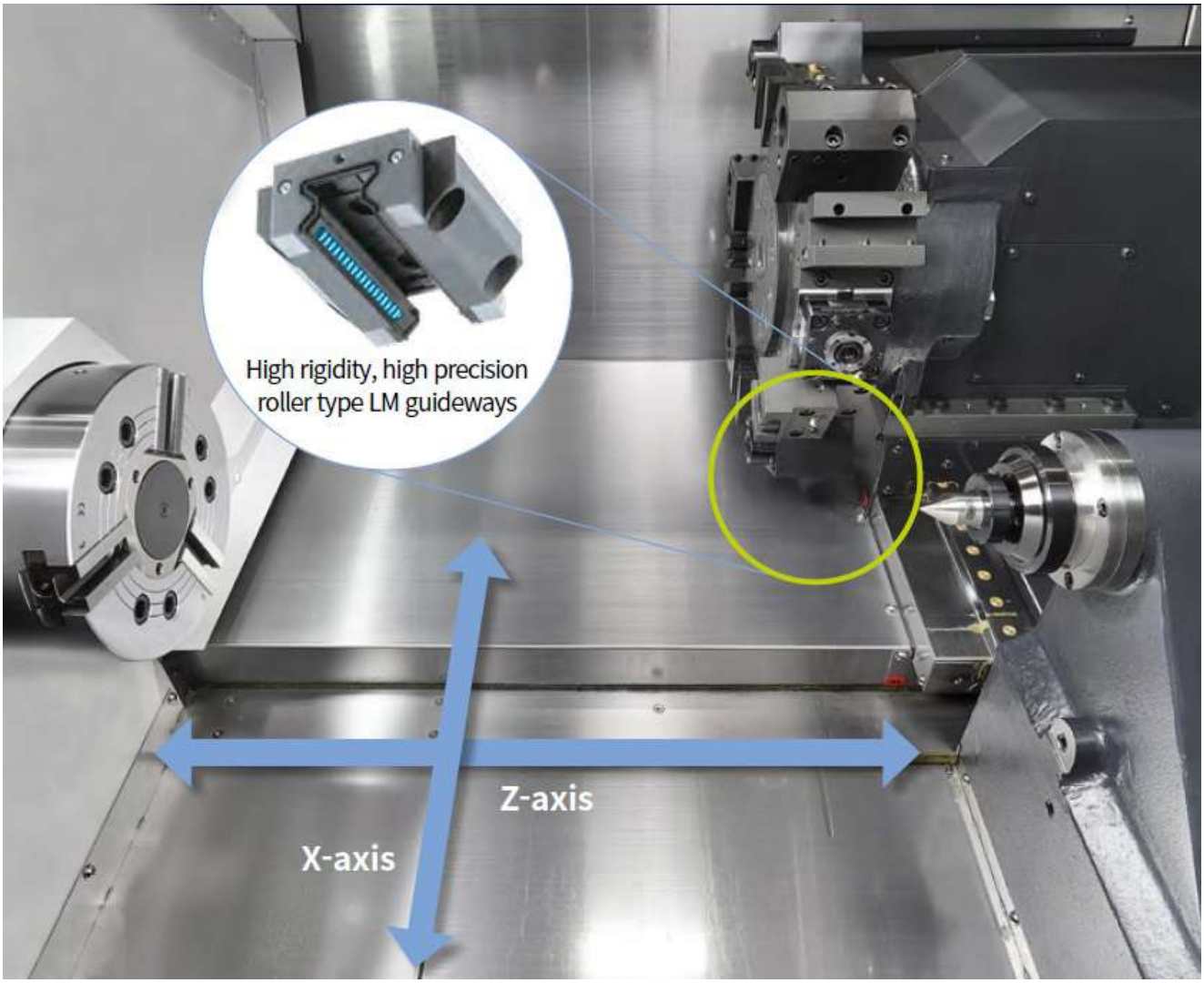
This kind of MM-S560 is the Heavy Duty Slant-Bed CNC Lathe Machine with Advanced Roller Guide-ways, Maximum Turning Length 640 mm and FANUC Oi-TF Plus CNC Control System for Super Precision which is been made in ISO9001 factory with CE Safety Certification. Such High Performance Inclined-Bed CNC Lathe is ideal for Industry Machining.

Main Feature :

Convincing Arguments: Quality, Efficiency and Price

- Machine Frame with 45° Slant-Bed Design for Particularly Large Machining Diameter
- Maximum Swing Over Bed 560 mm and Maximum Cutting Work-piece Length 640 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
- Heavy Duty Version
- Improved User-Friendly Design for Efficiency and Productivity
- Enhanced Complex and Prismatic Machining
- High Productivity through Minimizing Non-Cutting Time
- 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
- Optimized Machine Structure Design using FEM (Finite Element Method) Analysis
- EMC Electromagnetic Compatibility
- The Chip Conveyor is already included
- The Hydraulic 3-Jaw Lathe Chuck with Through-hole is already included
- The 12-Station Tool Turret 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 :	Heavy Duty Slant Bed CNC Lathe Machine
Product Item :	MM-S 560
Bed Type :	Slant Bed
Angled Bed :	45 degree
Guide-way Type :	**Roller Type Linear Guides**
CNC Control System :	FANUC Oi-TF Plus (5)
Machine Data	
Maximum Swing over Bed :	Ø 560 mm
Maximum Turning Diameter :	Ø 460 mm
Maximum Turning Work-piece Length :	**640 mm**
Headstock	
Spindle Bore :	Ø 87 mm
Maximum diameter of through-hole :	Ø 74 mm
Spindle Nose :	A2-8
Lathe Chuck Diameter :	Ø 254 mm (10 inch, Hydraulic Type with Through-hole)
Spindle Speed :	3000 RPM
Nos. of Tool Position :	**12-station (Servo Type)**
Max. Size of Tool Post :	32 X 32 mm
Travel	
X-Axes Travel :	265 mm
Z-Axes Travel :	680 mm
Rapid Feed of X- / Z-axes :	30000 / 24000 mm /min
Tailstock	
Tailstock Taper :	MT 5 (Hydraulic Type is optional)
Tailstock Quill Stroke :	100 mm
Precision	
Positioning Accuracy :	± 0.005 mm
Repeatability Accuracy :	± 0.003 mm
Drive Capacity	
Main Motor :	15 / 18.5 KW
Connect Voltage :	Three Phase 400V
Gross Weight :	4280 KGS
Packing Size :	3080 X 2250 X 1950 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