High Precision Inclined Bed CNC Lathe Machine with Linear Guides and SIEMENS Control System for Maximum Stable Accuracy



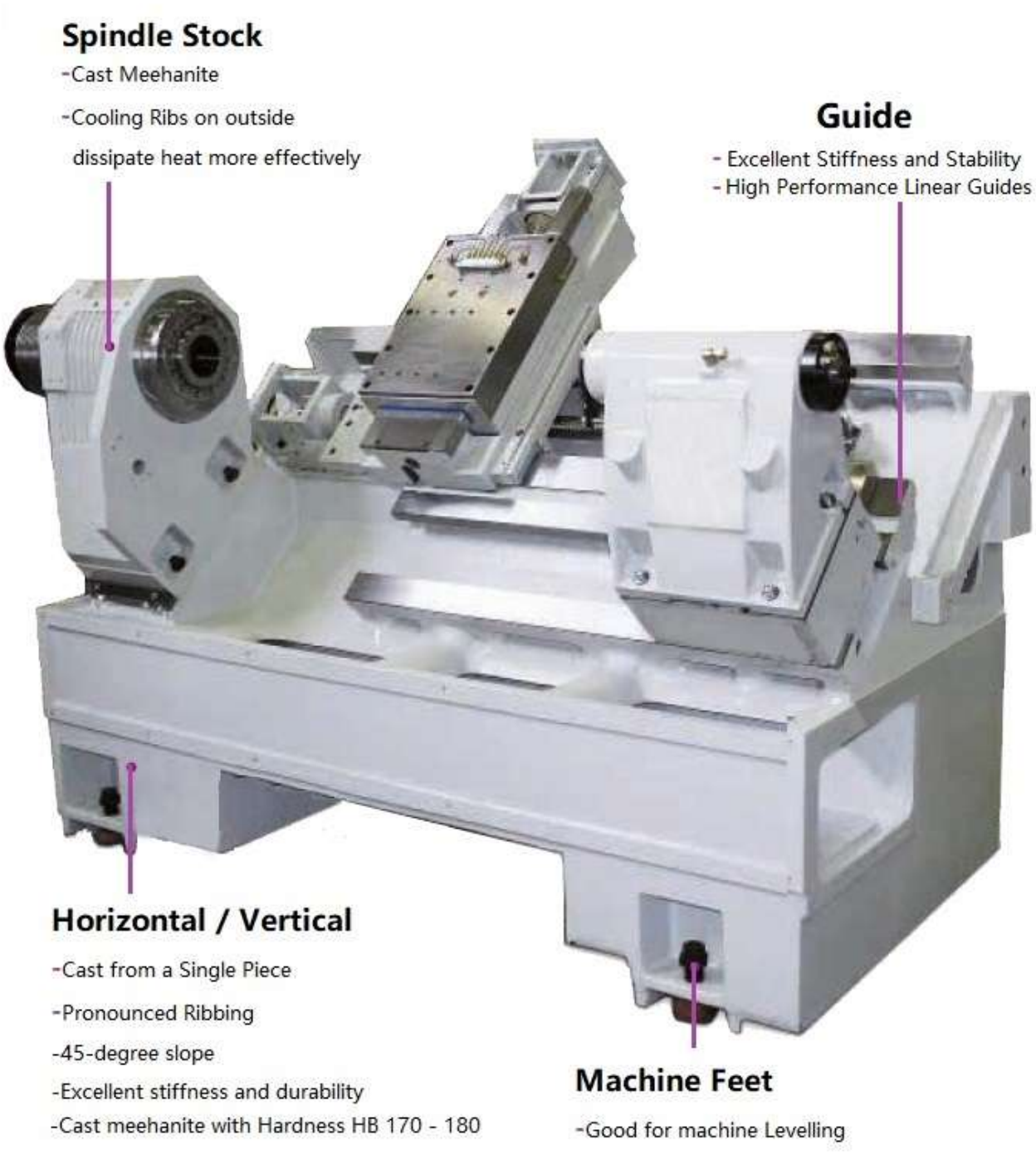
This kind of MM-S400E is the high precision Slant Bed CNC Lathe Machine with SIEMENS CNC Control System and Linear Guides which is been made in ISO9001 factory with CE Safety Certification. Its sloping bed design particular for industry large machining. Such compact design Inclined Bed CNC Lathe Machine characterized by high speed, performance, precision and long service life.

Main Feature :

Convincing Arguments: Quality, Efficiency and Price

- Maximum Swing Over Bed 400 mm and Distance Between Centers is 750 mm
- Sloping Bed design for particularly large machining diameter
- Heavy machine frame with inclined bed ensuring high rigidity
- Precise Linear Guides in X-axes and Z-axes for high stability and accuracy even at highest loads
- Compact design
- 8-station tool turret ensures a large work area for quick and precise tool changes
- Hydraulic 3-Jaw Lathe Chuck
- Tailstock with hydraulically operated quill for maximum stroke
- Hardened and polished ball screw spindles
- Central lubrication system ensures reliable lubrication of guide-ways
- A powerful headstock main motor delivers high torque across the entire speed range
- SIEMENS Control System meets all requirements for advanced control technology
- All axes with SIEMENS servo motor
- Portable Electronic Hand-wheel substantially facilitates running in programs
- Dimensionally stable Linear Guides ensure a Long Service Life
- The enclosed work space is easily accessible through a large sliding door
- EMC Electromagnetic compatibility
- Connecting voltage is Three Phase 400V
- Certificate of Original (CO, FORM A, FORM E, FORM F)

Solid Design Complete One-piece Casting Body



Technical Data :

Product Name :	High Precision Slant Bed CNC Lathe Machine	
Product Item :	MM-S400E X 500	MM-S400E X 750
Bed Type :	Slant Bed	Slant Bed
Angled Bed :	45 degree	45 degree
Guide-way Type :	Linear Guide-ways for all axes	Linear Guide-ways for all axes
Machine Data		
Max. Swing over Bed :	Ø 400 mm	Ø 400 mm
Distance Between Centers :	500 mm	750 mm
Max. Work-pieces Length :	500 mm	750 mm
Swing over Cross Slide :	Ø 260 mm	Ø 260 mm
Center Height :	125 mm	125 mm
Headstock		
Spindle Bore :	Ø 66 mm	Ø 66 mm
Spindle Nose :	A2-6	A2-6
Lathe Chuck Diameter :	Ø 200 mm (Hydraulic Type)	Ø 200 mm (Hydraulic Type)
Spindle Speed :	40 -- 4000 RPM	40 -- 4000 RPM
Nos. of Tool Position :	8-station (Hydraulic Type)	8-station (Hydraulic Type)
Max. Size of Tool Post :	25 X 25 mm	25 X 25 mm
Travel		
X-Axes Travel :	240 mm	240 mm
Z-Axes Travel :	500 mm	750 mm
Rapid Feed of X-Axes /Z-axes :	15000 / 15000 mm /min	15000 / 15000 mm /min
Feed Motor of X /Z-Axes :	10 Nm / 10 Nm	10 Nm / 10 Nm
Tailstock		
Tailstock Taper :	MT 5 (Hydraulic Type)	MT 5 (Hydraulic Type)
Tailstock Quill Diameter :	Ø 75 mm	Ø 75 mm
Tailstock Quill Stroke :	80 mm	80 mm
Precision		
Positioning Accuracy :	± 0.010 mm	± 0.010 mm
Repeatability Accuracy :	± 0.006 mm	± 0.006 mm
Drive Capacity		
Main Motor :	7500W (Optional 11KW)	7500W (Optional 11KW)
Connection Voltage :	Three Phase 400V voltage	Three Phase 400V voltage
Gross Weight :	3850 KGS	4180 KGS
Packing Size :	3080 X 2000 X 2280 mm	3580 X 2000 X 2280 mm
Standard Accessory :	SIEMENS CNC Control System, Linear Guide-ways, Machine Lamp, 3-Jaw Hydraulic Chuck, 8-station Hydraulic Tool Turret, Hydraulic Tailstock, Lubrication System, Tools and Tool-box	