Completely Full equipped precision Lathe machine for mechanics with Impressive Precision and Performance



This kind of MM-D360X1000 is the high precision metal turning lathe machine which is been made in ISO9001 factory from MAXNOVO MACHINE with CE Safety Certification. The Max. Turning diameter over lathe bed is 360 mm, Bigger Spindle Bore 51mm and the centre width is 1000 mm. Any one of our variable speed metal lathe machine distinguishes itself by quality, accurate, sustainability and consistent value. Quality at a cost-efficient price and this engine lathe is for demanding users.

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Main Feature :

Convincing Arguments: Quality, Efficiency and Price

- Bigger spindle bore 51 mm to machine large shaft diameters
- Perfect machine for technical schools, repair shops and training workshops
- Remove-able bridge allows machining of work-pieces with a big diameter
- Hardened and ground bed guide-ways
- Grey cast-iron machine bed, inductive hardened and polished
- Guaranteed true running accuracy of the spindle nose is better than 0.015 mm
- Hardened ground toothed wheels and shafts, running in oil bath on precision bearings
- Emergency-stop device with foot pedal
- Right-handed / Left-handed rotation on the bed slide switchable via stem
- Shift gear system to change feed direction
- Adjustable headstock bearing
- Cast-iron bed, double V-guide, hardened and ground
- Electrical system with Siemens components
- Foot-operated emergency stop device
- Acceptance certificate and Easy-To-Operate
- All guide-ways are adjustable and High working accuracy
- Cast-iron bed, double V-guide, hardened and ground
- Clearly-arranged Keyboard
- Coolant equipment, steady rest, follow rest comes standard
- Made in ISO9001 Factory with CE Safety certification
- Machine substructure including tool compartment
- 3-axis digital position indicator (optional)
- Connecting voltage is Three Phase 400V or Single Phase 230V (optional)
- Certificate of Original (CO, FORM A, FORM E, FORM F)

Main spindle
- Running in an oil bath
- Gearwheels smooth running hardened and ground

Quality lathe chuck
- Precisely
- Higher speed is enabled
- High concentricity and repeatability

Tailstock
- Adjustable by ± 10 mm for taper turning
- Tailstock spindle sleeve and handwheel with adjustable precision scaling of 0.025 mm

Bed insert
- The turning diameter is increased to 516 mm by taking out the bed bridge

Halogen machine lamp
- Coated articulated arm
- High positioning stability

Slide
- Precisely worked
- Handwheels with adjustable precision scaling of 0.04/0.02 mm
- Quadruplicate tool holder
- All guidings adjustable via V-ledges
- Chip protection at the top slide
- Range of adjustment top slide ± 90°

Prism bed
- Heavily ribbed
- Grey cast-iron
- Inductively hardened and precision ground

Base
- Mounted
- Tool compartment
- Lockable doors
- Extractable chip tray



Technical Data :

Product Name :	High Precision Metal Lathe Machine
Product Item :	MM-D360 X 1000
Machine Data	
Max Swing over Bed :	Ø 360 mm
Distance between centers :	1000 mm
Swing over Cross Slide :	Ø 220 mm
Max. Swing over Gap :	Ø 490 mm
Length of Bed Bridge :	225 mm
Centre Height :	180 mm
Bed Width :	185 mm
Spindle	
Spindle Taper :	MT 6
Spindle Hole, rod passage :	Ø 51 mm (Big Spindle Bore)
Spindle Nose Fixture :	DIN 55029, D1-5
Speed Range	
Spindle Speed :	70—2000 RPM
Number of Steps :	8 Steps
Tailstock	
Tailstock Taper :	MT 4
Diameter of Tailstock Sleeve :	Ø 42 mm
Tailstock Sleeve Travel :	110 mm
Travels	
Travel of Top slide :	95 mm
Travel of Cross slide :	180 mm
Feeds and Thread Pitches	
Longitudinal feed in the range of :	0.052—1.392 mm/rev (32 feeds)
Transverse feed in the range of :	0.014—0.380 mm/rev (32 feeds)
Pitch-Metric in the range of :	0.4—7mm (26 thread pitches)
Pitch-Inch in the range of :	4—56 TPI (34 thread pitches)
Electrical Connection	
Main Motor :	1500W
Connecting Voltage :	Three Phase 400V or Single Phase 230V
Gross Weight :	860 KGS
Packing Size:	1950 X 800 X 1300 mm
Standard Accessory :	Three-Jaw Chuck Ø 160mm, Four-Jaw Chuck Ø 200mm, Face Clamping Disc Ø 250mm, Reducing Bush, Steady Rest, Follow Rest, Quadruple tool holder, Machine Lamp, Change Gear Kit, Coolant Pump, Tools and Tool box

Machine Dimensions For MM-D360 X 1000

