High Precision CNC-controlled Flat Bed Lathe Machine for Performance, Precision and Long Service Life



This kind of DL-CNC400 CNC-controlled flat bed lathe machine which is been made in MAXNOVO MACHINE ISO9001 factory with CE Safety Certification. It is characterized by performance, speed, precision and a long service life. Such high precision CNC lathe for high flexibility and easy handing which is perfect for workshops, factories and batch productions .

Main Feature :

Convincing Arguments : Quality, Efficiency and Price

- CNC-controlled Flat Bed Lathe Machine
- Maximum Swing Over Bed Ø 400 mm
- Large spindle bore diameter up to Ø 60 mm
- Polished ball screw spindles
- Maintenance-friendly protective housing
- Safety switch on front sliding door
- High-quality preloaded ball screws
- Precision workmanship
- Braced machine bed made from grey cast-iron
- Complex spindle bearing and Emergency-Stop push button
- Safety Dual-sliding doors
- Hardened and ground slide ways
- CNC Controlled lathe machine perfect for industry
- Precise machining and central lubrication
- Concentricity on the lathe chuck less than 0.04 mm
- Easy operation and low maintenance cost
- Servo motor for X-axis and Z-axis as standard included
- Manual 3-Jaw Chuck as standard included
- Manual Tailstock as standard included
- Standard 4-position electrical tool post included
- Powerful frequency-conversion variable speed main motor as standard included
- Stable AC Servo main motor is optional
- Automatic Centralized Lubrication System
- Electronic Hand-wheel for the X-axis and Z-axis
- 6-way tool post and 8-way tool post is optional
- Hydraulic Lathe Chuck is optional
- Hydraulic Tailstock is optional
- SIEMENS CNC Control System is optional
- Certificate of Original (CO, FORM A, FORM E, FORM F)



Technical Data :

Product Name :	High Precision CNC Lathe Machine		
Product Item :	DL-CNC 400 X 750	DL-CNC 400 X 1000	DL-CNC 400 X 1500
Bed Type :	Flat Bed	Flat Bed	Flat Bed
Machine Data			
Maximum Swing over Bed :	Ø 400 mm	Ø 400 mm	Ø 400 mm
Distance Between Centers :	750 mm	1000 mm	1500 mm
Swing over Cross Slide :	Ø 245 mm	Ø 245 mm	Ø 245 mm
Spindle Bore :	Ø 60 mm	Ø 60 mm	Ø 60 mm
Bed Width :	330 mm	330 mm	330 mm
Headstock			
Spindle Taper:	MT6	MT6	MT6
Spindle Speed :	150-2500 RPM	150-2500 RPM	150-2500 RPM
Steps of Spindle Speed :	Variable Speed	Variable Speed	Variable Speed
Travel			
Max. Travel of X-Axis :	250 mm	250 mm	250 mm
Max. Travel of Z-Axis :	750 mm	1000 mm	1500 mm
Rapid Speed of X-Axis :	6000 mm /min	6000 mm /min	6000 mm /min
Rapid Speed of Z-Axis :	8000 mm /min	8000 mm /min	8000 mm /min
Tailstock			
Tailstock Taper :	MT4	MT4	MT4
Tailstock Quill Stroke :	120 mm	120 mm	120 mm
Tailstock Quill Diameter :	Ø 55 mm	Ø 55 mm	Ø 55 mm
Max. Size of Tool Post :	25 X 25 mm	25 X 25 mm	25 X 25 mm
Nos. of Tool Position :	4 /6 /8 (optional)	4 /6 /8 (optional)	4 /6 /8 (optional)
Precision			
Repeat Positioning Accuracy :	0.008 mm	0.008 mm	0.008 mm
Min Setting Unit (X-/Y-axis) :	0.001 / 0.001 mm	0.001 / 0.001 mm	0.001 / 0.001 mm
Drive Capacity			
Main Motor :	5500W	5500W	5500W
Coolant Motor :	120W	120W	120W
Connection Voltage :	Three Phase 400V voltage		
Gross Weight :	1960 KGS	2280 KGS	2670 KGS
Packing Size :	1750 X 1550 X 2100 mm (For DL-CNC 400 X 750) 2660 X 1600 X 2100 mm (For DL-CNC 400 X 1000) 2950 X 1650 X 2100 mm (For DL-CNC 400 X 1500)		
Standard Accessory :	GSK CNC Control System, 3-Jaw Chuck, Automatic 4-station tool changer, Lubrication System, Inverter Spindle Main Motor, Coolant System, Work Lamp, Machine Feet, Tools and Tool-box		