High Precision Solid Design CNC-controlled Flat Bed Lathe Machine for Excellent Precision, Effectiveness and Efficiency



This kind of DL-CNC 500 high precision 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 machine for high flexibility and easy handing which is perfect for workshop, industry factory and batch productions.

Main Feature :

Convincing Arguments : Quality, Efficiency and Price

- CNC-controlled Flat Bed Lathe Machine
- Max. Swing Over Bed is Ø 500 mm
- Bigger spindle bore diameter up to Ø 86 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
- Safety Dual-sliding doors and Emergency-Stop push button
- 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
- Standard 4-position electrical tool post included
- Powerful frequency-conversion variable speed main motor as standard included
- Stable 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 500X750	DL-CNC 500X1000	DL-CNC 500X1500	DL-CNC 500X2000
Bed Type :	Flat Bed	Flat Bed	Flat Bed	Flat Bed
Machine Data				
Maximum Swing over Bed :	Ø 500 mm	Ø 500 mm	Ø 500 mm	Ø 500 mm
Distance Between Centers :	750 mm	1000 mm	1500 mm	2000 mm
Swing over Cross Slide :	Ø 280 mm	Ø 280 mm	Ø 280 mm	Ø 280 mm
Spindle Bore :	Ø 86 mm	Ø 86 mm	Ø 86 mm	Ø 86 mm
Bed Width :	400 mm	400 mm	400 mm	400 mm
Headstock				
Spindle Taper:	MT 7	MT 7	MT 7	MT 7
Spindle Speed :	150-2000 RPM	150-2000 RPM	150-2000 RPM	150-2000 RPM
Steps of Spindle Speed :	Variable Speed	Variable Speed	Variable Speed	Variable Speed
Travel				
Max. Travel of X-Axis :	350 mm	350 mm	350 mm	350 mm
Max. Travel of Z-Axis :	750 mm	1000 mm	1500 mm	2000 mm
Rapid Speed of X-Axis :	6000 mm /min	6000 mm /min	6000 mm /min	6000 mm /min
Rapid Speed of Z-Axis :	8000 mm /min	8000 mm /min	8000 mm /min	8000 mm /min
Tailstock				
Tailstock Taper :	MT5	MT5	MT5	MT5
Tailstock Quill Stroke :	150 mm	150 mm	150 mm	150 mm
Tailstock Quill Diameter :	Ø 80 mm	Ø 80 mm	Ø 80 mm	Ø 80 mm
Max. Size of Tool Post :	25 X 25 mm	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)	4 /6 /8 (optional)
Precision				
Repeat Position Accuracy :	0.008 mm	0.008 mm	0.008 mm	0.008 mm
Drive Capacity				
Main Motor :	7500 W	7500 W	7500 W	7500 W
Coolant Motor :	120 W	120 W	120 W	120 W
Connection Voltage :	Three Phase 400V voltage			
Gross Weight :	2550 KGS	2950 KGS	3450 KGS	4150 KGS
Packing Size :	2650 X 1800 X 2100 mm (For DL-CNC 500 X 750) 3100 X 1850 X 2100 mm (For DL-CNC 500 X 1000) 3550 X 1880 X 2100 mm (For DL-CNC 500 X 1500) 4050 X 1880 X 2100 mm (For DL-CNC 500 X 2000)			
Standard Accessory :	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			