Compact CNC-controlled Flat Bed Lathe Machine Ideal For Training and Small Batch Productions



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This kind of DL-CNC320 CNC-controlled flat bed lathe machine which is been made in ISO9001 factory with CE Safety Certification. It distinguishes itself by quality, accurate, sustainability and consistent value. Such high precision CNC lathe is the compact solution for small batch production and training.

Main Feature :

Convincing Arguments : Quality, Efficiency and Price

- CNC-controlled Flat Bed Lathe Machine
- Max. Swing Over Bed is Ø 360 mm
- Large spindle bore diameter up to Ø 40 mm
- Precision workmanship
- Safety Dual-sliding doors
- Hardened and ground slide ways
- CNC Controlled lathe machine perfect for industry
- Precise machining and central lubrication
- Braced machine bed made from grey cast-iron
- Complex spindle bearing
- Emergency-Stop push button
- Polished ball screw spindles
- Maintenance-friendly protective housing
- Safety switch on front sliding door
- Central lubrication
- High-quality preloaded ball screws
- 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
- Concentricity on the lathe chuck less than 0.04 mm
- Easy operation and low maintenance cost
- Powerful frequency-conversion variable speed main motor as standard included
- Stable AC Servo main motor 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 320 X 500	DL-CNC 320 X 750	DL-CNC 320 X 1000
Bed Type :	Flat Bed	Flat Bed	Flat Bed
Machine Data			
Max. Swing over Bed :	Ø 360 mm	Ø 360 mm	Ø 360 mm
Distance Between Centers :	500 mm	750 mm	1000 mm
Swing over Cross Slide :	Ø 160 mm	Ø 160 mm	Ø 160 mm
Spindle Bore :	Ø 40 mm	Ø 40 mm	Ø 40 mm
Bed Width :	215 mm	215 mm	215 mm
Headstock			
Spindle Taper:	MT5	MT5	MT5
Spindle Speed :	100-2500 RPM	100-2500 RPM	100-2500 RPM
Steps of Spindle Speed :	Variable Speed	Variable Speed	Variable Speed
Travel			
Max. Travel of X-Axis :	180 mm	180 mm	180 mm
Max. Travel of Z-Axis :	500 mm	750 mm	1000 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 :	MT3	MT3	MT3
Tailstock Quill Stroke :	100 mm	100 mm	100 mm
Tailstock Quill Diameter :	Ø 32 mm	Ø 32 mm	Ø 32 mm
Max. Size of Tool Post :	20 X 20 mm	20 X 20 mm	20 X 20 mm
Nos. of Tool Position :	Automatic 4 / 6	Automatic 4 / 6	Automatic 4 / 6
Precision			
Repeat Positioning Accuracy:	0.008 mm	0.008 mm	0.008 mm
Min Setting Unit of X-Axis :	0.001mm	0.001mm	0.001mm
Min Setting Unit of Z-Axis :	0.001mm	0.001mm	0.001mm
Drive Capacity			
Main Motor :	4000W	4000W	4000W
Coolant Motor :	120W	120W	120W
Connection Voltage :	Three Phase 400V voltage		
Gross Weight :	1000 KGS	1180 KGS	1380 KGS
Packing Size :	1750 X 1350 X 2050 mm (For DL-CNC 320 X 500) 2050 X 1350 X 2060 mm (For DL-CNC 320 X 750) 2350 X 1380 X 2080 mm (For DL-CNC 320 X 1000)		
Standard Accessory :	GSK Control System, Automatic 4-station tool changer, 3-Jaw Chuck, Inverter Spindle Main Motor, Coolant System, Tools and Tool-box		