Heavy Duty CNC Flat-Bed Lathe with Wider Machine Bed for Maximum Loading Capacity of Work-piece Weight 4 Tons



This kind of DL-CNC 1000 high precision Flat-Bed CNC Lathe Machine which is been made in ISO9001 factory with CE Safety Certification. Such high performance CNC Lathe with wider Machine Bed ideal for machining of Complex work-piece. This excellent precision perfect for flexible production of single-part and batch production of heavy duty work-pieces.

Main Feature :

Convincing Arguments : Quality, Efficiency and Price

- Maximum Swing Over Bed Ø 1000 mm, Distance Between Centers up to 8000 mm
- Wider Machine Bed 600 mm with Maximum Loading Work-piece Capacity 4000 KGS
- Heavy Duty Version CNC Flat Bed Lathe Machine
- Larger Capacity Spindle Bore up to 104 mm
- High quality spindle bearings ensure constant precision during continuous operation
- High-torque drives and High-quality Preloaded ball screws on all axes
- Heavy machine bed made of premium cast-iron with hardened and ground guide-ways
- Safety Dual-Sliding Doors
- Spindle Stock Design Guarantees Minimal Noise
- Machine housing can completely closed and easily accessible through opening sliding door
- Heavy Ribbed machine bed with bed guides and wide V-blocks for heavy-duty machining
- Bed Rails Tempered and Polished
- High quality cast iron made by resin sand process and aging treatments
- Hardened and ground slide ways
- Maintenance-friendly protective housing
- Central Lubrication System and Coolant System
- Precise machining and Precision workmanship
- Powerful 15 KW main motor as standard included
- Servo-motor for X-axis and Z-axis as standard included
- 6-Station or 8-Station Electric Turret is optional
- Hydraulic Lathe Chuck, Hydraulic Tailstock and Chip Conveyor are optional
- SIEMENS or FANUC or GSK CNC Control System is optional
- Certificate of Original (CO, FORM A, FORM E, FORM F)

Heavy Machine Bed with Maximum Loading Capacity 4 Tons



Technical Data :

Product Name :	Heavy Duty Flat-Bed CNC Lathe Machine
Product Item :	DL-CNC 1000
Bed Type :	Flat Bed
Maximum Load Work-piece :	4000 KGS
Bed Width :	600 mm
Machine Data	
Max. Swing Over Bed :	Ø 1000 mm
Max. Swing Over Cross Slide :	Ø 680 mm
Distance Between Centers :	1000 / 1500 / 2000 / 3000 / 4000 / 5000 / 6000 / 8000 mm
Headstock	
Spindle Bore :	Ø 104 mm
Spindle Speed :	10 — 800 RPM
Spindle Taper :	Ø 120 mm
Travel	
Max. Travel of X-Axis :	520 mm
Max. Travel of Z-Axis :	1000 / 1500 / 2000 / 3000 / 4000 / 5000 / 6000 / 8000 mm
Rapid Feed for X-Axis :	4000 mm /min
Rapid Feed for Z-Axis :	6000 mm /min
Tooling Turret	
Nos. of Tool Post Station :	4-station Electric Turret (6 or 8-station is optional)
Max. Size of Tool Post :	40 X 40 mm
Tailstock	
Tailstock Taper :	MT6
Tailstock Quill Diameter :	Ø 120 mm
Tailstock Quill Stroke :	250 mm
Precision	
Repeat Accuracy :	± 0.007 mm
Positioning Accuracy :	± 0.010 mm
Drive Capacity	
Main Motor :	15 KW
Connection Voltage :	Three Phase 400V voltage
Gross Weight :	7380 KGS (For DL-CNC 1000 X 3000)
Packing Size :	6180 X 2100 X 2200 mm (For DL-CNC 1000 X 3000)
Standard Accessory :	CNC Control System, 3-Jaw Lathe Chuck, 4-station Electric Turret, Coolant System, Central Lubrication System, Machine Lamp, Tools and Tool-box