High Performance CNC-controlled Flat Bed Lathe Machine for Flexible Produce of Single-Part and Batch Production for Large Work-pieces



www.maxnovocnc.com +86-514-87892928 info@maxnovocnc.com

This kind of DL-CNC660 high precision Flat-Bed CNC Lathe Machine which is been made in ISO9001 factory with CE Safety Certification. It is characterized by Wider Machine Bed up to 460 mm and Powerful 11KW Main Motor for Excellent Stable Performance in the Longer Service Life. Such heavy duty CNC Lathe with high flexibility and easy handing so as perfect for workshop, factory and batch productions.

Main Feature :

Convincing Arguments : Quality, Efficiency and Price

- Heavy Duty Version CNC-controlled Flat Bed Lathe Machine
- Maximum Swing Over Bed Ø 660 mm, Distance Between Centers up to 3000 mm
- Rigid Wider Machine Bed up to 460 mm so Perfect for Machining Heavy Work-piece
- Larger Spindle Bore Diameter up to Ø 105 mm
- Heavy ribbed machine bed with bed guides and wide V-blocks for heavy-duty machining
- Bed Rails Tempered and Polished
- High quality spindle bearings ensure constant precision during continuous operation
- Machine housing can completely closed and easily accessible through opening sliding door
- Safety Dual-Sliding Doors
- Spindle Stock Design Guarantees Minimal Noise
- High quality cast iron made by resin sand process and aging treatments
- Hardened and ground slide ways
- Polished ball screw spindles
- Maintenance-friendly protective housing
- Central Lubrication System
- High-quality preloaded ball screws
- Precise machining and Precision workmanship
- Braced machine bed made from grey cast-iron
- Servo-motor for X-axis and Z-axis as standard included
- Powerful 11KW main motor 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 CNC Control System is optional
- Certificate of Original (CO, FORM A, FORM E, FORM F)

Rigid Wider Machine Bed as Perfect for Machining Heavy Work-piece



Technical Data :

Product Name :	High Precision Flat-Bed CNC Lathe Machine			
Product Item :	DL-CNC 660X1000	DL-CNC 660X1500	DL-CNC 660X2000	DL-CNC 660X3000
Bed Type :	Flat Bed	Flat Bed	Flat Bed	Flat Bed
Machine Data				
Maximum Swing over Bed :	Ø 660 mm	Ø 660 mm	Ø 660 mm	Ø 660 mm
Distance Between Centers :	1000 mm	1500 mm	2000 mm	3000 mm
Swing over Cross Slide :	Ø 420 mm	Ø 420 mm	Ø 420 mm	Ø 420 mm
Bed Width :	**460 mm**	**460 mm**	**460 mm**	**460 mm**
Headstock				
Spindle Bore :	Ø 86 mm (Ø 105 mm is optional)		Ø 86 mm (Ø 105 mm is optional)	
Spindle Speed :	30-1600 RPM	30-1600 RPM	30-1600 RPM	30-1600 RPM
Spindle Taper :	Ø 90 mm (1:20)	Ø 90 mm (1:20)	Ø 90 mm (1:20)	Ø 90 mm (1:20)
Travel				
Max. Travel of X-Axis :	400 mm	400 mm	400 mm	400 mm
Max. Travel of Z-Axis :	1000 mm	1500 mm	2000 mm	3000 mm
Rapid Feed for X-Axis :	8000 mm /min	8000 mm /min	8000 mm /min	8000 mm /min
Rapid Feed for Z-Axis :	9000 mm /min	9000 mm /min	9000 mm /min	9000 mm /min
Tooling Turret				
Nos. of Tool Post Station :	4-station Electric Turret (6 or 8-station is optional)		4-station Electric Turret (6 or 8-station is optional)	
Max. Size of Tool Post :	32 X 32 mm	32 X 32 mm	32 X 32 mm	32 X 32 mm
Tailstock				
Tailstock Taper :	MT5	MT5	MT5	MT5
Tailstock Quill Diameter :	Ø 100 mm	Ø 100 mm	Ø 100 mm	Ø 100 mm
Tailstock Quill Stroke :	235 mm	235 mm	235 mm	235 mm
Precision				
Repeat Accuracy :	± 0.007 mm	± 0.007 mm	± 0.007 mm	± 0.007 mm
Positioning Accuracy :	± 0.015 mm	± 0.015 mm	± 0.015 mm	± 0.015 mm
Drive Capacity				
Main Motor :	11 KW	11 KW	11 KW	11 KW
Connection Voltage :	Three Phase 400V voltage			
Gross Weight :	4280 KGS	5180 KGS	5680 KGS	6280 KGS
Packing Size :	3360 X 1880 X 2150 mm (For DL-CNC 660 X 1000) 3750 X 1880 X 2150 mm (For DL-CNC 660 X 1500) 4150 X 1880 X 2150 mm (For DL-CNC 660 X 2000) 5250 X 1880 X 2150 mm (For DL-CNC 660 X 3000)			
Standard Accessory :	GSK CNC Control System, 3-Jaw Chuck, 4-station Electric Turret, Coolant System, Central Lubrication System, Machine Lamp, Tools and Tool-box			