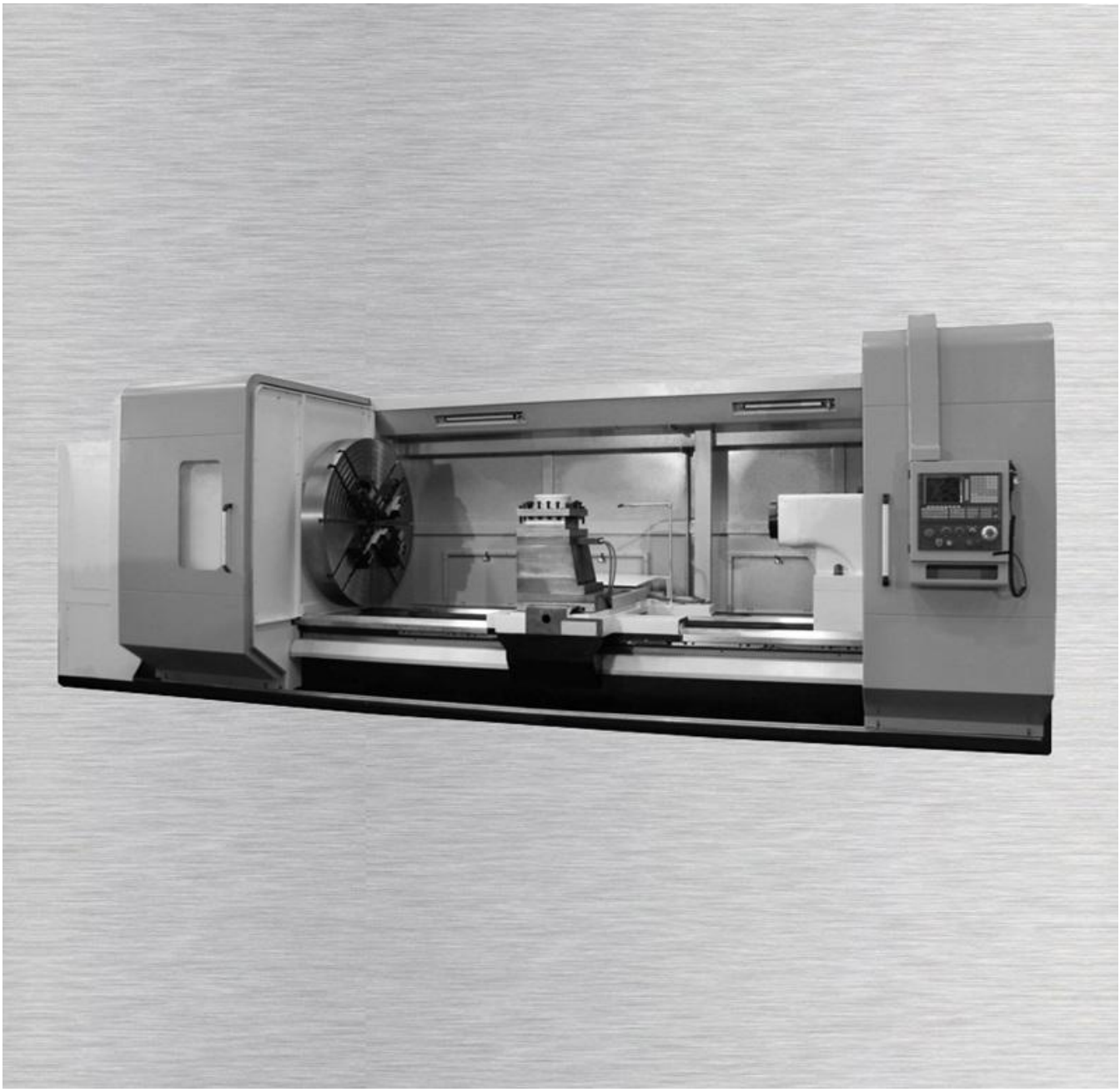
Heavy Duty Flat-Bed CNC Lathe Machine with Maximum Loading Capacity of Work-piece Weight 20 Tons



This kind of DLE-CNC 2100B is Heavy Duty CNC Turning Lathe Machine with Maximum Loading Capacity of Work-piece Weight 20 Tons which is been made in ISO9001 factory from MAXNOVO MACHINE with CE Safety Certification. The robust Flat-Bed design ensures high precision when machining heavy workpieces that can be up to 20 meter Length and over 2100 mm in Diameter.

Main Feature :

Convincing Arguments : Quality, Efficiency and Price

- Maximum Load Work-piece Weight is 20 Tons
- Maximum Swing Over Bed is up Ø 2100 mm
- Solid Guideway Width is 1100 mm
- Large Spindle Bore diameter up to Ø 130 mm
- CNC Controlled Lathe Machine ideal for heavy industry
- 4-position Electrical Tool-Post as standard included
- Motorized Tailstock
- Precise Machining and Central Lubrication
- Longitudinal feed and Cross feeds by servo motor drive through ball screws
- Maintenance-friendly protective housing
- Central Lubrication System
- Easy Operation and Conveniently Maintenance
- Complex Spindle Bearing
- Safety Sliding Doors
- Hardened and ground slide ways
- High-quality preloaded ball screws
- Braced machine bed made from grey cast-iron
- High precision frequency hardened guide-ways ensure more precision and longer working life
- Powerful 45 KW main motor as standard included
- SIEMENS or FANUC or GSK CNC Control System is optional
- Certificate of Original (CO, FORM A, FORM E, FORM F)

Technical Data :

Product Name :	Heavy Duty CNC Lathe Machine
Product Item :	DLE–CNC 2100B
Bed Type :	Flat Bed
Maximum Load Work-piece :	**20 Tons**
Bed Width :	1100 mm
Machine Data	
Maximum Swing Over Bed :	Ø 2100 mm
Max. Swing Over Cross Slide :	Ø 1650 mm
Distance Between Centers :	3000 /4000 /5000 /6000 /8000 /10000 /12000 /16000 /18000 /20000 mm
Maximum Cutting Length :	2800 /3800 /4800 /5800 /7800 / 9800 /11800 /15800 /17800 /19800 mm
Headstock	
Spindle Bore :	Ø 130 mm
Spindle Taper :	Metric 140
Spindle Speed :	2 — 200 RPM
Spindle Speed Steps :	4 steps
Tooling Turret	
Tool Post Station :	4-Station Electric Turret (6 or 8-station is Optional)
Max. Size of Tool Shank :	50 X 50 mm
Travel	
Max. Travel X-axis :	850 mm
Max. Travel Z-axis :	2850 /3850 /4850 /5850 /7850 /9850 /11850 /15850 /17850 /19850 mm
Rapid Feed X-axis :	4000 mm /min
Rapid Feed Z-axis :	6000 mm /min
Tailstock	
Tailstock Taper :	Metric 80
Tailstock Quill Diameter :	**Ø 280 mm**
Tailstock Quill Stroke :	300 mm
Working Precision	
Workpiece Accuracy :	IT 6 – 7
Surface Roughness :	Ra 2.5 – 3.2 μm
Drive Capacity	
Main Motor :	**45 KW**
Packing Type :	Export Type
Gross Weight :	27350 KGS (For DLE–CNC 2100B X 8000)
Packing Size :	12750 X 2290 X 2600 mm (For DLE–CNC 2100B X 8000)
Standard Accessory :	CNC Control System, 4-Jaw Lathe Chuck, 4-Position Electrical Turret, Lubrication System, Coolant System, Machine Lamp, Tools and Toolbox