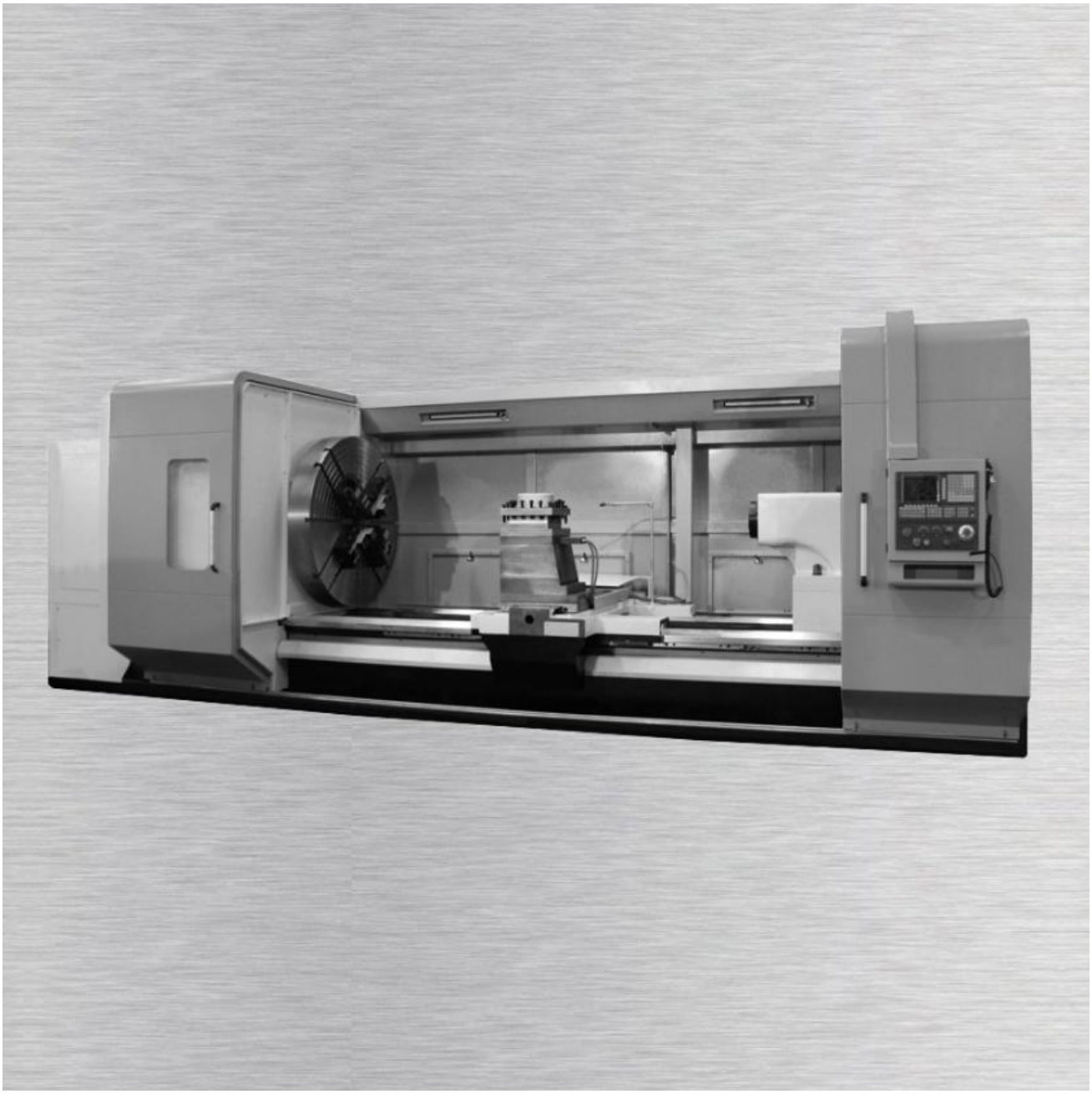
# Heavy Duty Flat-Bed CNC Lathe Machine with Maximum Loading Capacity of Work-piece Weight 15 Tons



This kind of DLE-CNC 1700A is the Heavy Duty CNC Turning Lathe Machine with Maximum Loading Capacity of Work-piece Weight 15 Tons which is been made in ISO9001 factory from MAXNOVO MACHINE with CE Safety Certification. Such high performance of flat bed solid CNC Lathe Machine distinguishes itself by quality, accurate, sustainability and consistent value.

## Main Feature :

### Convincing Arguments : Quality, Efficiency and Price

- Maximum Load Work-piece Weight is 15 Tons
- Maximum Swing Over Bed is up Ø 1700 mm
- Solid Guideway Width is 1100 mm
- CNC Controlled Lathe Machine perfect for Heavy industry
- Large Spindle Bore diameter up to Ø 130 mm
- 4-position Electrical Tool-Post as standard included
- Easy Operation and Conveniently Maintenance
- Longitudinal feed and Cross feeds by servo motor drive through ball screws
- Maintenance-friendly protective housing
- Central Lubrication System
- Motorized Tailstock
- 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
- Complex spindle bearing
- Safety Sliding Doors
- Hardened and ground slide ways
- Precise machining and central lubrication
- Powerful 37 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 1700A |
| Bed Type : | Flat Bed |
| Maximum Load Work-piece : | **15 Tons** |
| Bed Width : | 1100 mm |
| **Machine Data** | |
| Maximum Swing Over Bed : | Ø 1700 mm |
| Max. Swing Over Cross Slide : | Ø 1250 mm |
| Distance Between Centers : | 3000 /4000 /5000 /6000 /8000 /10000 /12000 /16000 /18000 mm |
| Maximum Cutting Length : | 2800 /3800 /4800 /5800 /7800 / 9800 /11800 /15800 /17800 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 : | 750 mm |
| Max. Travel Z-axis : | 2850 /3850 /4850 /5850 /7850 / 9850 /11850 /15850 /17850 mm |
| Rapid Feed X-axis : | 4000 mm /min |
| Rapid Feed Z-axis : | 6000 mm /min |
| **Tailstock** | |
| Tailstock Taper : | Metric 80 |
| Tailstock Quill Diameter : | **Ø 260 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 : | **37 KW** |
| Packing Type : | Export Type |
| Gross Weight : | 25970 KGS ( For DLE–CNC 1700A X 8000 ) |
| Packing Size : | 12720 X 2280 X 2580 mm ( For DLE–CNC 1700A X 8000 ) |
| Standard Accessory : | CNC Control System, 4-Jaw Lathe Chuck, 4-Position Electrical Turret, Lubrication System, Coolant System, Machine Lamp, Tools and Toolbox |