# Solid CNC-controlled Flat Bed Lathe Machine Perfect For Training, Model Construction and Small Batch Productions



This kind of DL-CNC360 CNC-controlled flat bed lathe machine which is been made in MAXNOVO MACHINE ISO9001 factory with CE Safety Certification. Such high precision CNC lathe is perfect for model construction, training and small batch productions.

## Main Feature :

### Convincing Arguments : Quality, Efficiency and Price

- CNC-controlled Flat Bed Lathe Machine perfect for industry
- Max. Swing Over Bed is Ø 360 mm
- Big spindle bore diameter up to Ø 60 mm
- Precision workmanship
- 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
- Automatic Centralized Lubrication System
- Electronic Hand-wheel for the X-axis and Z-axis
- High-quality preloaded ball screws
- Safety Dual-sliding doors
- Hardened and ground slide ways
- EMC (electromagnetic compatibility)
- Concentricity on the lathe chuck less than 0.04 mm
- Easy operation and low maintenance cost
- High-quality spindle bearings ensure error-free continuous operation
- Servo motor for X-axis and Z-axis as standard included
- Manual 3-Jaw Lathe Chuck as standard included
- Manual Tailstock as standard included
- Standard 4-position electrical tool post as standard included
- Powerful frequency-conversion variable speed main motor as standard included
- Stable AC Servo main motor is optional
- 6-way tool post and 8-way tool post is optional
- Hydraulic Lathe Chuck is optional
- Hydraulic Tailstock 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 360 X 750 | DL-CNC 360 X 1000 | DL-CNC 360 X 1500 |
| 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 : | 750 mm | 1000 mm | 1500 mm |
| Swing over Cross Slide : | Ø 210 mm | Ø 210 mm | Ø 210 mm |
| Spindle Bore : | Ø 60 mm | Ø 60 mm | Ø 60 mm |
| Bed Width : | 330 mm | 330 mm | 330 mm |
| **Headstock** | | | |
| Spindle Taper: | MT6 | MT6 | MT6 |
| Spindle Speed : | 150-2500 RPM | 150-2500 RPM | 150-2500 RPM |
| Steps of Spindle Speed : | Variable Speed | Variable Speed | Variable Speed |
| **Travel** | | | |
| Max. Travel of X-Axis : | 210 mm | 210 mm | 210 mm |
| Max. Travel of Z-Axis : | 750 mm | 1000 mm | 1500 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 : | MT4 | MT4 | MT4 |
| Tailstock Quill Stroke : | 120 mm | 120 mm | 120 mm |
| Tailstock Quill Diameter : | Ø 55 mm | Ø 55 mm | Ø 55 mm |
| Max. Size of Tool Post : | 20 X 20 mm | 20 X 20 mm | 20 X 20 mm |
| Nos. of Tool Position : | 4 / 6 / 8 (optional) | 4 / 6 / 8 (optional) | 4 / 6 / 8 (optional) |
| **Precision** | | | |
| Repeat Positioning Accuracy: | 0.008 mm | 0.008 mm | 0.008 mm |
| Min Setting Unit (X-/Y-axis): | 0.001 / 0.001 mm | 0.001 / 0.001 mm | 0.001 / 0.001 mm |
| **Drive Capacity** | | | |
| Main Motor : | 5500W | 5500W | 5500W |
| Coolant Motor : | 120W | 120W | 120W |
| Connection Voltage : | Three Phase 400V voltage | | |
| Gross Weight : | 1850 KGS | 2150 KGS | 2550 KGS |
| Packing Size : | 1700 X 1520 X 2100 mm ( For DL-CNC 360 X 750 )<br>2650 X 1570 X 2100 mm ( For DL-CNC 360 X 1000 )<br>2850 X 1620 X 2100 mm ( For DL-CNC 360 X 1500 ) | | |
| Standard Accessory : | GSK CNC Control System, 3-Jaw Chuck, Automatic 4-station tool changer, Lubrication System, Inverter Spindle Main Motor, Coolant System, Work Lamp, Machine Feet, Tools and Tool-box | | |