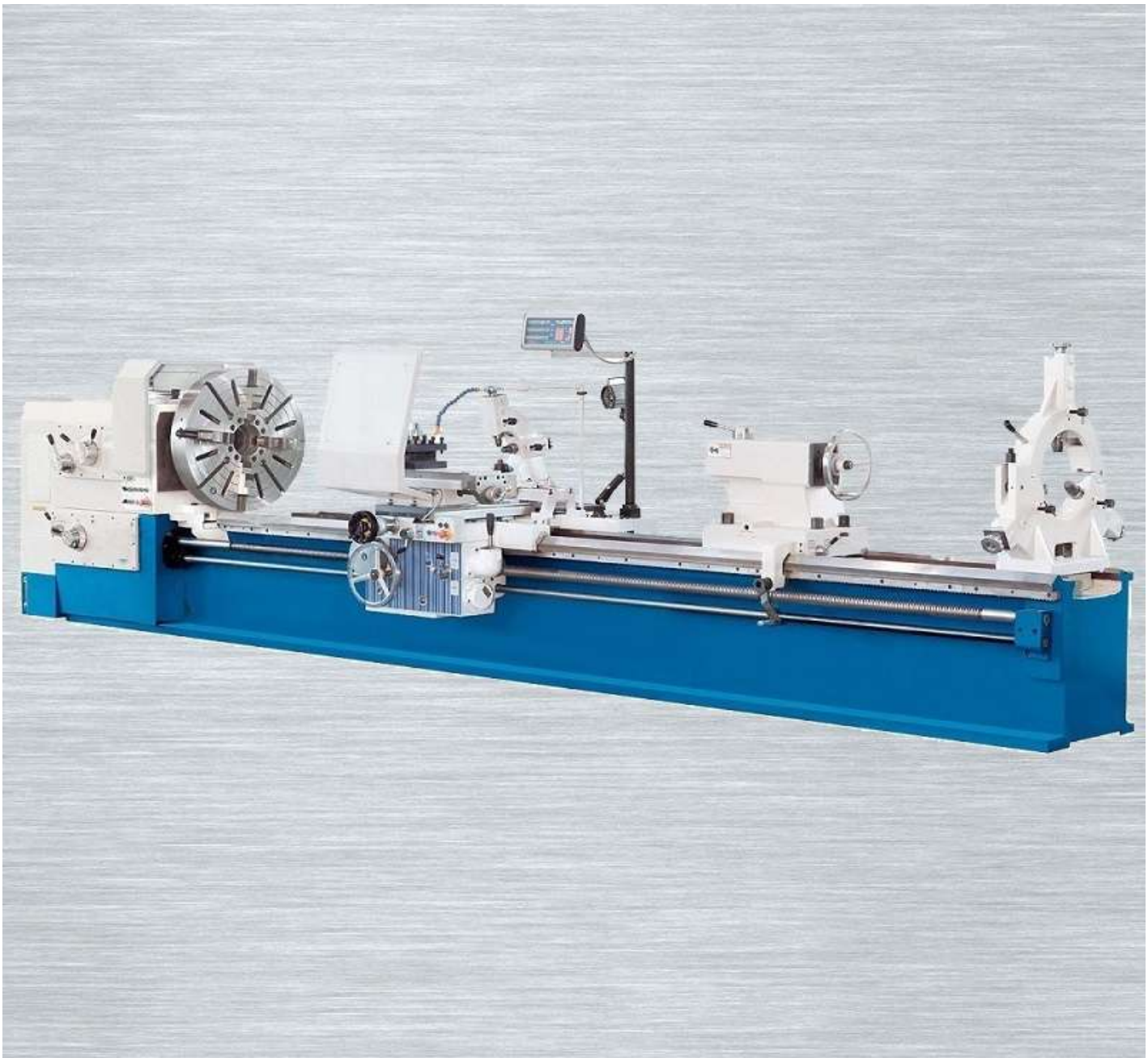
# Universal Heavy-duty Engine Lathe which has Larger Machine Bed, Big Spindle Bore, Large Turning Diameter and Maximum Stability and High Accuracy for Roughing and Finishing Operations.



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This kind of MM-DLE620 series is high precision Universal Heavy-duty Metal Engine Lathe which is been made in ISO9001 factory from MAXNOVO MACHINE with CE Safety Certification. Such heavy-duty lathe has larger machine bed width 780 mm, Big Spindle Bore 130 mm diameter, Maximum Weight of work-pieces 8000 KGS and the Center Widths up to 12000 mm.

## Main Feature :

Convincing Arguments: Quality, Efficiency and Price

- Larger Rigid Machine Bed Width 780 mm
- Max. Weight of work-piece 8000 KGS
- Max. Swing over bed Ø 1250 mm
- Extra heavy, wide machine bed with heavy ribbing construction
- 22KW Powerful motor ensures high cutting power
- Induction hardened and ground guide-ways
- Large spindle bore (Ø 130 mm diameter)
- Very quiet operating at maximum spindle speed
- Large spindle bearings
- Heavy-duty cast-iron body with ribbed bed reduces vibrations to a minimum
- The auxiliary gearbox features a wide spectrum of diametric, inch, module threads
- Rapid feed for X and Z axis allow quick support positioning and less down-time
- Sturdy multi-disk clutch for headstock drive
- More accuracy and Lower error rate
- Overload clutch enclosed in apron
- Motorized Tailstock is Optional
- 3-axis Digital Position Indicator is Optional
- Certificate of Original (CO, FORM A, FORM E, FORM F )

## Technical Data :

| | |
|---|---|
| Product Name : | Universal Heavy Duty Engine Lathe Machine |
| Product Item : | MM—DLE 620 |
| Max. Weight of Work-piece : | 8000 KGS |
| Maximum Swing over Bed : | Ø 1250 mm |
| Max. Swing over Gap Bridge : | Ø 1650 mm |
| Max. Swing over Cross Slide : | Ø 880 mm |
| Distance Between Centers : | 1500 /2000 /3000 /4000 /5000 /6000 /8000 /10000 /12000 mm |
| Bed Width : | 780 mm |
| Swing range of Top Slide : | 90 degree |
| **Headstock** | |
| Spindle Bore : | Ø 130 mm |
| Spindle Taper : | Ø 140 mm |
| Spindle Speed Range : | 3.15—315 RPM (21 kinds) |
| **Tapping Capacity** | |
| Pitch-Metric in range of : | 1—120 mm (44 kinds) |
| P itch-Inch in range of : | 1/4—24 (31 kinds) |
| Module Threads Range : | 0.5—60 mm (45 kinds) |
| Diameter Threads Range : | 1/2—56 DP (38 kinds) |
| Longitudinal feed Range : | 0.1—12 mm/rev (56 kinds) |
| Transverse feed Range : | 0.05—6 mm/rev (56 kinds) |
| Rapid Feed X-axis : | 1700 mm / min |
| Rapid Feed Z-axis : | 3400 mm / min |
| **Tailstock** | |
| Tailstock Taper : | Metric 80 |
| Tailstock Quill Diameter : | Ø 160 mm |
| Tailstock Sleeve Travel : | 300 mm |
| Travel of Top slide : | 280 mm |
| Travel of Cross slide : | 650 mm |
| **Drive Capacity** | |
| Main Motor : | 22 KW |
| Rapid Feed Motor : | 1.5 KW |
| Coolant Motor : | 150 W |
| Tool Shank Dimensions : | 45 X 45 mm |
| Packing Type : | Export Type Pallet Packing |
| Gross Weight : | 16000 KGS (for MM-DLE 620 X 3000) |
| Packing Size : | 6200 X 1900 X 2450 mm (for MM-DLE 620 X 3000) |
| Standard Accessory : | 4-Jaw Chuck, Oil Gun, Center, Main Spindle Center, Spindle Center Sleeve, Tailstock Centre, Tools and Tool box |