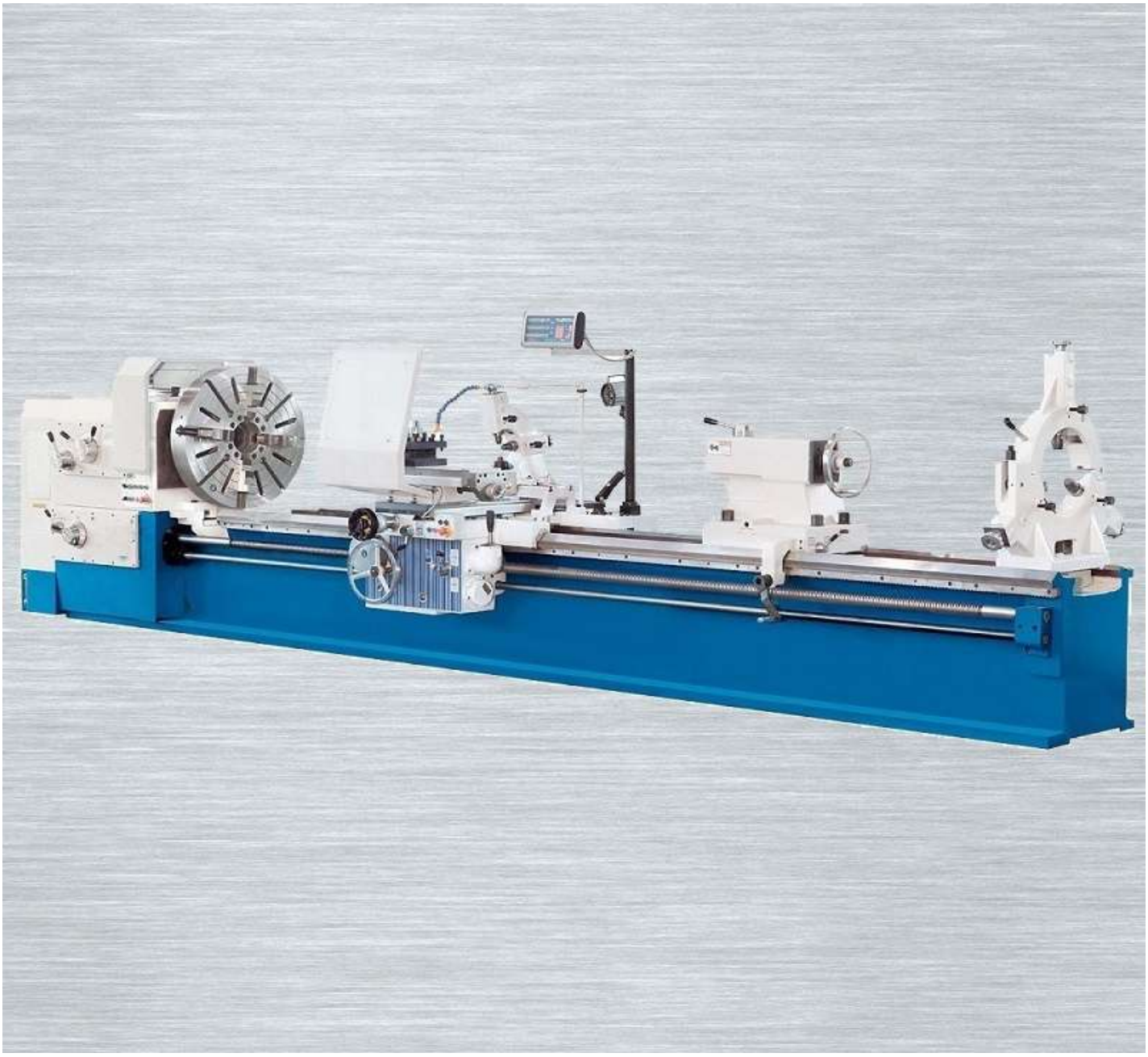
Heavy Duty Universal Engine Lathe which has Larger Machine Bed, Big Spindle Bore, Large Turning Diameter and Maximum Stability and High Accuracy for Roughing and Finishing Operations.



This kind of MM-DLE800 series is the 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, Maximum Swing over Bed diameter 1600 mm, big spindle bore diameter 130 mm, Maximum Weight of Work-pieces 8000 KGS and Center Width up to 12000 mm.

Main Feature :

Convincing Arguments: Quality, Efficiency and Price

- Max. Swing over bed Ø 1600 mm
- Larger Rigid Machine Bed Width 780 mm
- Maximum Weight of Work-piece 8000 KGS
- Large Spindle Bore (Ø 130 mm diameter)
- Extra heavy, wide machine bed with heavy ribbing construction
- 22KW Powerful motor ensures high cutting power
- Induction hardened and ground guide-ways
- 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 800
Max. Weight of Work-piece :	8000 KGS
Max Swing over Bed :	Ø 1600 mm
Max. Swing over Gap Bridge :	Ø 2000 mm
Max. Swing over Cross Slide :	Ø 1230 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 :	16350 KGS
Packing Size :	6320 X 1950 X 2450 mm (for MM-DLE 800 X 3000)
Standard Accessory :	4-Jaw Chuck, Oil Gun, Center, Main Spindle Center, Spindle Center Sleeve, Tailstock Centre, Tools and Tool box