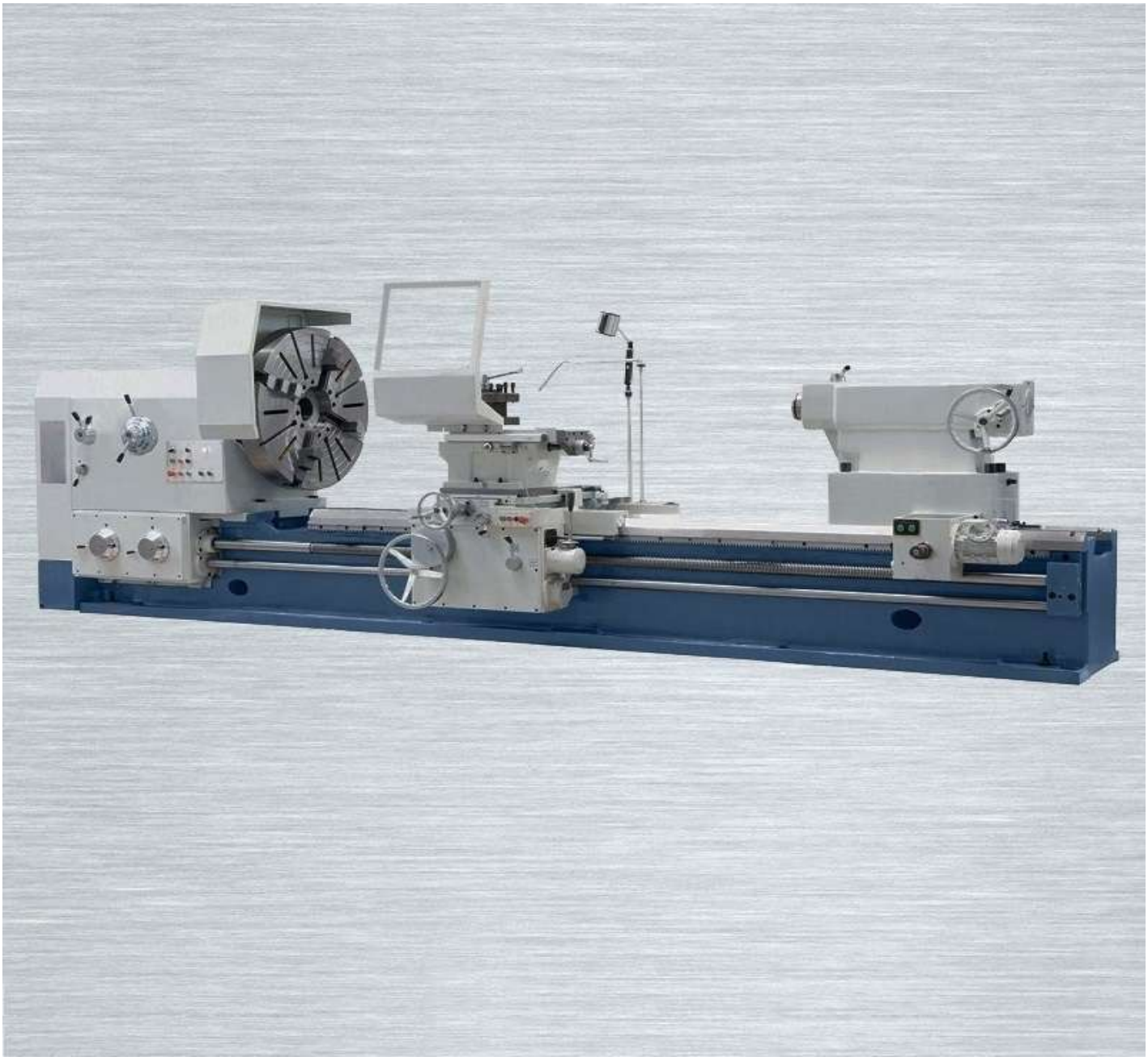
Heavy Duty Universal Engine Lathe which has Larger Machine Bed, Big Spindle Bore, Large Turning Diameter and Maximum Stability and High Accuracy for Roughing and Finishing Operations.



www.maxnovocnc.com +86-514-87892928 info@maxnovocnc.com

This kind of MM-DLE850 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 1100 mm, Maximum Swing Over Bed 1680 mm diameter, Big Spindle Bore diameter 130 mm, Maximum Loading Weight of work-pieces 10 Tons and the Center Widths up-to 16000 mm.

Main Feature :

Convincing Arguments: Quality, Efficiency and Price

- Maximum Swing over Bed Ø 1680 mm
- Larger Rigid Machine Bed Width 1100 mm
- Maximum Loading Weight of work-piece 10 Tons
- 30KW Powerful motor ensures high cutting power
- 1500W tailstock motor maximum convenient
- Extra heavy, wide machine bed with heavy ribbing construction
- Induction hardened and ground guide-ways
- Large spindle bore (Ø 130 mm diameter)
- Very quiet operating at maximum spindle speed
- Large spindle bearings
- 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
- 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
- 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 850
Max. Weight of Work-piece :	10 Tons
Max. Swing over Bed :	Ø 1680 mm
Max. Swing over Gap Bridge :	Ø 2000 mm
Max. Swing over Cross Slide :	Ø 1250 mm
Distance Between Centers :	3000 /4000 /5000 /6000 /8000 /10000 /12000 /14000 /16000 mm
Bed Width :	1100 mm
Swing range of Top Slide :	± 180 degree
Headstock	
Spindle Bore :	Ø 130 mm
Spindle Taper :	Ø 140 mm
Spindle Speed Range :	3.15—315 RPM or 2—200 RPM or 2.5—250 RPM (21 kinds)
Tapping Capacity	
Pitch-Metric in range of :	1—120 mm (44 kinds)
Pitch-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 260 mm
Tailstock Sleeve Travel :	300 mm
Travel of Top slide :	280 mm
Travel of Cross slide :	860 mm
Drive Capacity	
Main Motor :	30 KW
Rapid Feed Motor :	1.5 KW
Tailstock Motor :	1.5 KW
Tool Shank Dimensions :	45 X 45 mm
Packing Type :	Export Type Pallet Packing
Gross Weight :	21500 KGS (for MM-DLE 850 X 5000)
Packing Size :	8290 X 2200 X 2450 mm (for MM-DLE 850 X 5000)
Standard Accessory :	4-Jaw Chuck, Oil Gun, Center, Main Spindle Center, Spindle Center Sleeve, Tailstock Centre, Tools and Tool box