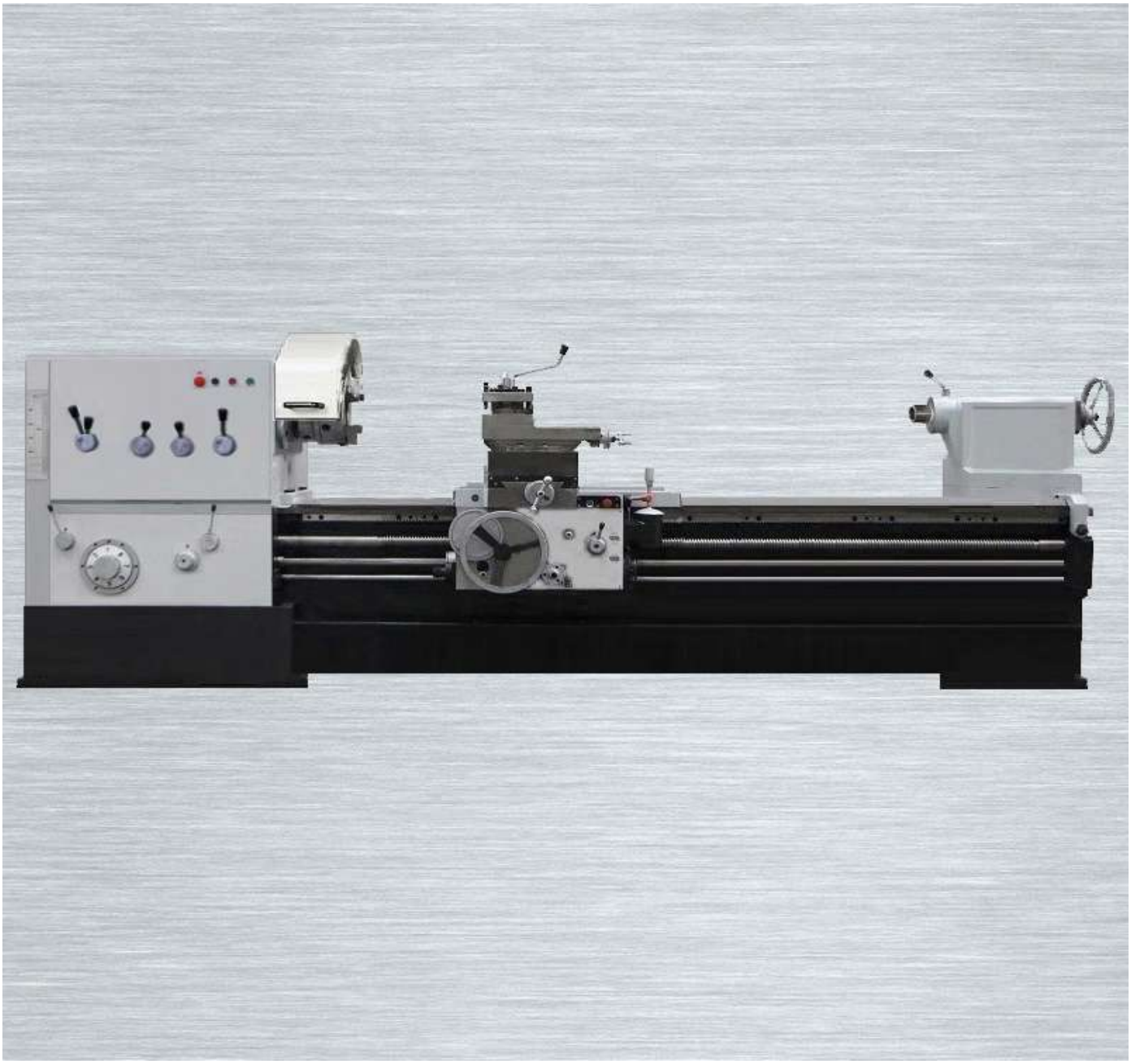
Heavy Duty Conventional Horizontal Turning Lathe Machine with Extra Wide Machine Bed, Constant Machining Power for Easy Handing of Heavy Work-pieces



This kind of MM-DLS500 series is high precision Universal Heavy-duty Metal Engine Lathe Machine which is been made in ISO9001 factory from MAXNOVO MACHINE with CE Safety Certification. Such heavy-duty lathe machine features extra solid Machine Bed width 550 mm, Big Spindle Bore 105 mm diameter, Maximum Load Weight of work-pieces 3000 KGS and Center Width up to 8000 mm. Universal heavy-duty lathe with constant machining power for easy handing of heavy work-pieces.

Main Feature :

Convincing Arguments: Quality, Efficiency and Price

- Maximum Load Weight of work-piece 3000 KGS
- Larger Rigid Machine Bed Width 550 mm
- Max. Swing over bed Ø 1000 mm
- Extra heavy, wide machine bed with ribbing and mono-block construction
- Induction-hardened ground guide slots ensure long-term accuracy and minimum wear
- Auxiliary gearbox features wide spectrum of diametric, inch, module and metric threads
- Powerful 11KW driving motor ensures high cutting power
- Induction hardened and ground guide-ways
- The auxiliary gearbox features a wide spectrum of diametric, inch, module threads
- Sturdy multi-disk clutch for headstock drive
- Solid Machine Bed
- More accuracy and Lower error rate
- Overload clutch enclosed in apron
- Large spindle bore (Ø 105 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
- 3-axis digital position indicator is optional
- Certificate of Original (CO, FORM A, FORM E, FORM F)

Technical Data :

Product Name :	Heavy Duty Conventional Lathe Machine
Product Item :	MM—DLS 500
Max. Weight of Work-piece :	3000 KGS
Max Swing over Bed :	Ø 1000 mm
Max. Swing over Gap Bridge :	Ø 1200 mm
Max. Swing over Cross Slide :	Ø 690 mm
Bed Width :	550 mm
Distance Between Centers :	1500 / 2000 / 3000 / 4000 / 5000 / 6000 / 7000 / 8000 mm
Swing range of Top Slide :	± 90 degree
Headstock	
Spindle Bore :	Ø 105 mm (Ø 130 mm is Optional)
Spindle Taper :	Ø 120 mm (1:20)
Spindle Speed Range :	14 — 750 RPM (18 kinds)
Tapping Capacity	
Pitch-Metric in range of :	1 — 240 mm (54 kinds)
P itch-Inch in range of :	1 — 28 TPI (36 kinds)
Module Threads in range of :	0.5—60 mm (27 kinds)
Diameter Threads in range of :	1 — 30 DP (27 kinds)
Longitudinal feed in range of :	0.048—24.3 mm/rev (72 kinds)
Transverse feed in range of :	0.024—12.15 mm/rev (72 kinds)
Rapid Feed X-axis :	2000 mm / min
Rapid Feed Z-axis :	4000 mm / min
Tailstock	
Tailstock Taper :	MT 6
Tailstock Quill Diameter :	Ø 100 mm
Tailstock Sleeve Travel :	240 mm
Travel of Top slide :	200 mm
Travel of Cross slide :	420 mm
Drive Capacity	
Main Motor :	11 KW
Rapid Feed Motor :	1.1 KW
Coolant Motor :	90 W
Tool Shank Dimensions :	32 X 32 mm
Packing Type :	Export Type Pallet Packing
Gross Weight :	6680 KGS (for MM-DLS 500 X 3000)
Packing Size :	5580 X 1680 X 1780 mm (for MM-DLS 500 X 3000)
Standard Accessory :	4-Jaw Chuck, 3-Jaw Chuck, Steady Rest, Follow Rest, Coolant System, Tailstock Centre, Main Spindle Center, Tools and Tool box