

Conventional Lathe Machine TAB-LM500 ????? ??????



Conventional Lathe Machine

TAB-LM500

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Description The TAB LM500 Conventional lathe gets the job done efficiently, and affordably. This customized lathe machine from Altabsh has a modern, tested design, top installations, and safety regulations. Which can do most small works easily and fast. for usage mechanics workshops, lathes workshops, and central maintenance workshops for companies, factories, and supply companies. With a 500mm swing, 1000/1500/2000/3000mm distance between centers, a wide range of speed feeds, and screw-cutting options, this lathe machine has an advantage over its competitors. **Features:**

- 1. Precision ground and hardened bed ways.
- 2. The spindle is supported with precision roller bearings. The spindle system is high in rigidity and accuracy.
- 3. There is no need to change gears. The machine can turn about 90 kinds of metric, inch, module, and D.P. threads.
- 4. An automatic stopping device is used to realize an automatic stop for the machining of a workpiece of a certain length.
- 5. Easy operating speed change levers.
- 6. Removable gap is provided for larger diameter work.

SPECIFICATIONS

Model	TAB-LM500
CAPACITY	
Max.swing over bed	Φ500mm
Max.swing over carriage	Φ260mm
Max. swing over gap	Φ710mm



Distance between centers	1000/1500/2000/3000mm
Bed width	405mm
SPINDLE	
Spindle nose	D8
Spindle bore	Φ80mm
Taper bore of spindle	M.T.NO.7
Steps of spindle speed	24
Range of spindle speed	9~1600rpm
FEED	
Range of longitudinal feeds	0.063~6.43 (0.0023"~0.2392") mm
Range of cross feeds	0.027~2.73(0.0010"~0.1016") mm
RAPID TRAVEL	
Longitudinal	4500mm/min
Cross	1900mm/min
THREAD RANGE/ NUMBER	
Metric pitch threads	1~224mm/ 46
Whit-worth threads	28~1/8 TPI/ 26
Module threads	0.5~112mm/ 42
D.P. Threads	56~1/4 DP/ 45
TAILSTOCK SLEEVE	
Taper bore	M.T.NO.5
Max. travel	150(5~29/32") mm
External diameter	Φ75(2~61/64") mm
OTHERS	
Size of tool shank	25×25mm
Max travel of cross slide	360mm
Max. travel of top slide	145mm
Main motor power	7.5kw (10HP)
Overall dimensions(L×W×H)	(2500/3000/3500/4500) ×900×1259mm
Net weight	2750/3000/3250/3600kg

