

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

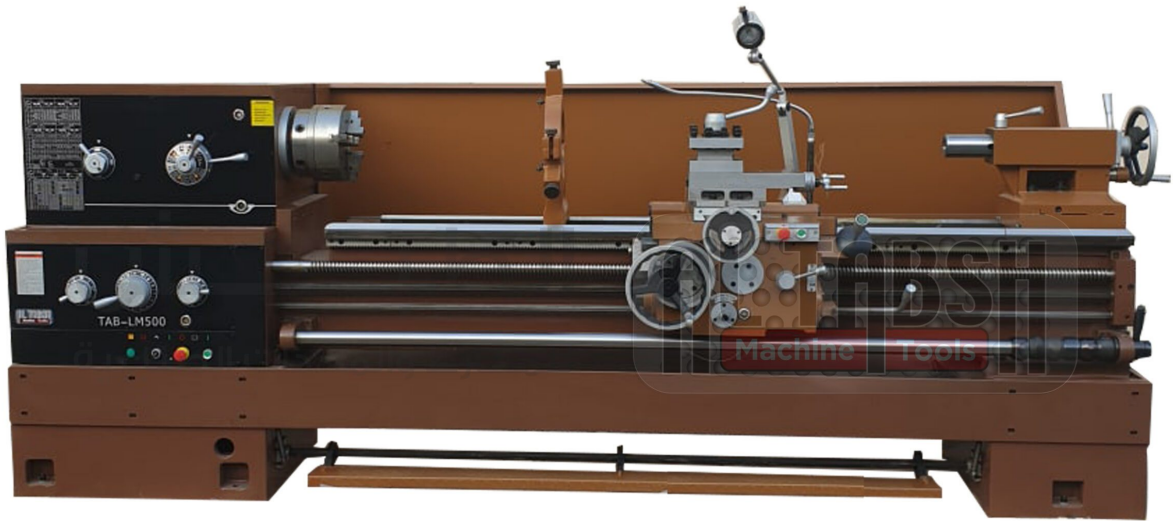


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# Conventional Lathe Machine

## 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 |
| <b>CAPACITY</b>         |           |
| 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                             |
| <b>SPINDLE</b>              |                                   |
| 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                         |
| <b>FEED</b>                 |                                   |
| 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    |
| <b>RAPID TRAVEL</b>         |                                   |
| Longitudinal                | 4500mm/min                        |
| Cross                       | 1900mm/min                        |
| <b>THREAD RANGE/ NUMBER</b> |                                   |
| 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                     |
| <b>TAILSTOCK SLEEVE</b>     |                                   |
| Taper bore                  | M.T.NO.5                          |
| Max. travel                 | 150(5~29/32") mm                  |
| External diameter           | Φ75(2~61/64") mm                  |
| <b>OTHERS</b>               |                                   |
| 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             |

