

Gear Head Heavy Duty Lathes

Salient Features:

- Induction Hardened & Ground Bed Ways.
- All Geared Head Stock.



E-360



E-500

Standard Accessories :

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| 1. Changing Gears. | 9. 3 Jaw Chuck. |
| 2. Thread dial Indicator assy. | 10. 4 Jaw Chuck. |
| 3. Dead center. | 11. Face Plate. |
| 4. Full Length Tray. | 12. Steady Rest. |
| 5. Tool Kit. | 13. Follow Rest. |
| 6. H/S Sleeve. | 14. Splash Guard. |
| 7. Machine Lamp. | 15. Coolant Pump with Cock Equipment. |
| 8. Oil Gun | |



| | Model | E-360 | E-500 | |
|--------------------------------|-------------------------------------|-----------------------|---|--------------------------------|
| General Capacity | Max. swing over bed | mm | Dia 356 (14") | Dia 500 (20") |
| | Max. swing over carriage | mm | Dia 210 (8-1/5") | Dia 330 (13") |
| | Max. swing over gap | mm | Dia 508 (20") | Dia 660 (26") |
| | Width of bed | mm | 260 (10-1/5") | 360 (14") |
| | Max. length of workpiece | mm | 1000 (40") | 1000 (40") |
| Main Spindle | Taper of spindle bore | | MT-5 | MT-6 |
| | Diameter of spindle bore | mm | Dia40 (1-1/2") | Dia52 (2") |
| | Number of spindle speeds | | 12 Nos. | 9 Nos. |
| | Range of spindle speeds | rpm | 40-1800 | 40-1400 |
| | Spindle nose | | D1-4 | C-6 |
| Threading & Feeding | Metric pitch threads | mm | 37 kinds/ (0.4-7mm) 25 kinds/ (0.45-7.5mm) | 19 kinds/ (0.25-14mm) |
| | Whit-worth threads | TPI | 28 kinds/ (4-56T.P.I.) 40 kinds/ (4-112T.P.I.) | 2-40TPI |
| | Range of longitudinal feeds | mm/rev | 0.043-0.653 | 0.0832 - 2.3285 |
| | Range of cross feeds | mm/rev | 0.024-0.359 | 0.0480 - 2.688 |
| | Leadscrew | Diameter of leadscrew | mm | Dia 22 (7/8") |
| Pitch Thread of leadscrew | | mm | 8TPI | 6 mm |
| Carriage | Travel of cross slide | mm | 185 | 222 |
| | Travel of Tool Post Slide | mm | 100 | 95 |
| Tailstock | Travel of tailstock quill | mm | 120 (4-3/4") | 140 (5-1/2") |
| | Diameter of tailstock quill | mm | Dia 45 (1-25/32") | Dia 65 (2-1/2") |
| | Taper hole of tailstock quill | | MT-3 | MT - 4 |
| Power | Power of main motor | kw | 2.4 Kw (3HP), 3PH, 50Hz, 230V | 5.5Kw (7.5HP), 3PH, 50Hz, 230V |
| | Overall dimensions of lathe (LxWxH) | mm | 1900 x 710 x 1170 | 2770 x 1150 x 1590 |
| | Net weight (appx.) | kg | 1250 | 1750 |
| | Gross weight (appx.) | kg | 1380 | 2400 |