



Lathe Machine Belt Drive (Premium)



All Geared Heavy & Extra Heavy Duty Lathe Machine



FLG-H267

FLG-H305



Standards Accessories :

- Chuck Back Plate
- Centre Adapter,
- Tool Post Spanner
- Change Gear Set
- Dead Centres
- Motor Pully

Optional Accessories :

Face Plate, Carrier Plate, Steady rest, follow rest, Taper turning turning attachment, motorised coolant pump with tank and fitting, Rear tool post with extended cross slide, Chuck back plates (Extra), and Electricals (Motor, Panel board, Wirings, Push button Switches, V-belts and fittings) Electrical Switch shaft and chip guard.

Features

- Head Stock Gears are fully induction hardened and Teeth are profile Grinding.
- All Gear are Hardened Nitriding process.
- These lathe can satisfy the various turning requirement of a very wide range of different industries offering an affordable solution to higher machining accuracy and better surface finish.
- They have a modern style and are build to accord with both latest human engineering.
- High speed dynamically balanced spindle using the latest machine tool building technology.
- Solid cast iron structure guaranterring the rigidity of bed, need stock and saddle.



| MODEL | FLG-H267 | FLG-H305 | FLG-E305 |
|---|---|--|---|
| Centre Height over flat bed ways (mm) | 267(10.5") | 305 (12") | 305 (12") |
| Swing Over Bed (mm) | 525 | 600 | 580 |
| Swing Over Cross Slide (mm) | 300 | 375 | 400 |
| Swing In Gap (mm) | 830 | 910 | 900 |
| Length of Gap in front of Face Plate (mm) | 200 | 200 | 200 |
| Width of Bed (mm) | 325 (Optional : 375) | | 375 |
| Admin Between Centres (mm) | 525/1000/1600/1900/2500/3100/3710/4320/4930 | | |
| Length of Bed (mm) | 1675(5'-6") / 2135(7') / 2745(9')/3050(10')/3660(12')/4270(14')/4875(16')/5485(18')/6095(20') | | |
| MAIN SPINDLE | | | |
| Spindle Bore (mm) | 50 | | 79 |
| Spindle Nose Diameter (mm) | A2-6 | | A2-8 |
| Spindle Thread | | | |
| Spindle Morse Taper | MT-6 | | |
| Spindle Adapter Morse Taper | MT4 | | |
| Spindle Speeds No. | 12 | | |
| Spindle Speeds Range | 30,43,55,85,115, 160,210,285,400,545,785,1060 RPM | | |
| Spindle Drive | | | |
| Spindle Mounting | Taper Roller Bearings | | |
| TAIL STOCK SPINDLE | | | |
| Spindle Diameter (mm) | | | 60.3 |
| Spindle Travel (mm) | 38.1 | 180 | |
| Spindle Morse Taper | 110 MT - 3 | MT-4 | |
| LEADING SCREW : | | | |
| Diameter (mm) | 25.4 | 38 | |
| Thread (mm/TPI) | 4 | 4 | |
| THREADS | | | |
| Nos. of Threads / Range | Matric | | |
| (Without Norton Gearbox) | Inch | | |
| Nos. of Threads / Range | Matric | 17 / 0.5 m.m. to 15 m.m pitch | |
| (For Fully Norton Gearbox) | Inch | 40 / 2 to 6 TPI | |
| FEEDS | | | |
| Nos. of Feeds / Range | Longitudinal | | |
| (For Fully norton Gearbox) | Cross | | |
| Nos. of Feeds / Range | Longitudinal | 40 / 0.666 to 2 m.m0 / rev of spindle | |
| (For Fully norton Gearbox) | Cross | 40 / 0.0165 to 5.m.m / rev of spindle | |
| Floor Space Occupied (mm) | 2200, 2660, 3140, 3500, 4110, 4720, 5330, 5940, 6550 x 1450 | | 2300,2760,3240,3600,4210,4820,5430,6040,6650x1500 |
| Approx Net Weight in Kgs. | Net | 1450,1500,1650,1900,2050,2350,2700,3000,3300 | |
| | Gross | 1750,1900,2150,2450,2650,2950,3400,3800,4200 | |
| Approx Case Dimension (mm) | 2400x1300x1600 / 2850x1300x1600/3350x1300x1600/3350x1300x1600/3700x1300x1600/4300x1300x1600/5000x1300x1600/5500x1300x1600 | | |
| Electrical : | Electric Motor of 1 H.P./ 0.75 k.w. Phase, 50Hz, 440V., 1140 RPM with Reverse - Forward switch, V-Belt, Electrical Wirings and Fitting. | | |