



## **Lathe Machine Belt Drive (Premium)**



## Cone Pulley Heavy Duty Lathe Machine



### FL-H267

#### Standards Accessories :

- Chuck Back Plate
- Dead Centres
- Centre Adapter,
- Motor Pulley
- Tool Post Spanner
- Nylon Flate Belt
- Change Gear Set

#### 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, Norton gear Box Chuck back plates (Extra), V-Belt drive pulleys in lieu of flat belt, main spindle mounted on taper roller bearings in lieu of bush bearings and Electricals (Motor, switch, wirings, v-belts and fittings)

#### Features

- Stress relieved bed and --- Hardened guide ways provide the machine with all-round rigidity and longer life.
- Precision ground bed slideways guarantees high accuracy along the total length of the machine.
- New type gear box and high precision spindle structure providing near perfect head stock Performacne.
- The lead screw is protected with a metal guard preventing the dust increasing operator safety.
- Wide range of thread machine possible.





MODEL		FL-H267	FL-H305
Centre Height over flat bed ways (mm)		267	305
Swing Over Bed (mm)		525	600
Swing Over Cross Slide (mm)		300	375
Swing In Gap (mm)		830	910
Length of Gap in front of Face Plate (mm)		200	200
Width of Bed (mm)		Standard : 325      Optional : 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')	
<b>MAIN SPINDLE</b>			
Spindle Bore (mm)		Standard :51, Optional :76 & 101	
Spindle Nose Diameter (mm)		Standard : 74.3, Optional : 102.85 & 131.45	
Spindle Thread		6 TPI	
Spindle Morse Taper		MT-6	
Spindle Adapter Morse Taper		MT-4	
Spindle Speeds No.		8	
Spindle Speeds Range		28 to 520 (R.P.M.)	
Spindle Drive		Standard : Flat Belt,      Optional : V-Belt	
Spindle Mounting		Standard : Split Bush Bearings      Optional : Taper Roller Bearings	
<b>TAIL STOCK SPINDLE</b>			
Spindle Diameter (mm)		60.3	
Spindle Travel (mm)		180	
Spindle Morse Taper		MT-4	
<b>LEADING SCREW :</b>			
Diameter (mm)		38	
Thread (mm/TPI)		4 TPI	
<b>THREADS</b>			
Nos. of Threads / Range	Matric	13 / 1 to 6 Pitch	
(Without Norton Gearbox)	Inch	19 / 2 to 24 TPI	
Nos. of Threads / Range	Matric	17 / 0.5 to 15 Pitch	
(For Fully Norton Gearbox)	Inch	40 / 2 to 60 TPI	
<b>FEEDS</b>			
Nos. of Feeds / Range	Longitudinal	19 / 0.165 to 1.996 m.m / rev. of Spindle	
(For Fully norton Gearbox)	Cross	19 / 0.04 to 0.0485 m.m / rev. of Spindle	
Nos. of Feeds / Range	Longitudinal	40 / 0.066 to 2 m.m / rev. of Spindle	
(For Fully norton Gearbox)	Cross	40 / 0.0165 to 0.5 m.m / rev. of Spindle	
Floor Space Occupied (mm)		( 2200 / 2660 / 3140 / 3500 / 4110 / 4720 / 5330 / 5940 / 6550 ) x 1450	
Approx Net Weight in Kgs.	Net	1200 / 1300 / 1400 / 1650 / 1800 / 2100 / 2500 / 2800 / 3100	
	Gross	1500 / 1700 / 1900 / 2200 / 2400 / 2700 / 3200 / 3600 / 4000	
Approx Case Dimension (mm)		( 2400 / 2850 / 3350 / 3700 / 4300 / 5000 / 5550 / 6100 / 6710 ) x 1300 x 1600	
Electrical :		Electric Motor of 3 H.P. / 2.25 k.w. 3Phase, 50Hz, 440V., 1440 RPM with Reverse - Forward switch, V-Belt, Electrical Wirings and Fitting.	