



Lathe Machine Belt Drive (Premium)



All Geared Light / Medium Duty Lathe Machine



FLG-M215



FLG-M250

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, Norton gear Box Chuck back plates (Extra), and Electricals (Motor, Panel board, Wirings, Push button Switches, V-belts and fittings)



MODEL		FLG-L165			FLG-M215			FLG-M250		
Centre Height over flat bed ways (mm)		165(6.5")			215			250		
Swing Over Bed (mm)		325			423			500		
Swing Over Cross Slide (mm)		175			250			320		
Swing In Gap (mm)		510			620			700		
Length of Gap in front of Face Plate (mm)										
Width of Bed (mm)		225			277			277		
Admin Between Centres (mm)		660	890	1135	450	725	950	450/725	1000	1500
Length of Bed (mm)		1370(4'-6")	1600(5'-3")	1830(6')	1370(4'-6")	1600(5'-3")	1830(6')	1370(4'-6")	1600(5'-3")	1830(6')2438(8")
MAIN SPINDLE										
Spindle Bore (mm)		38			38			50		
Spindle Nose Diameter (mm)		Threaded (optional A2-4)			Threaded (optional A2-4)			Threaded (optional A2-6)		
Spindle Thread										
Spindle Morse Taper		MT-5			MT-5			MT-5		
Spindle Adapter Morse Taper		MT-3			MT-3			MT-3		
Spindle Speeds No.		8/54,90,140,224,315,500, 775, 1200			8/54 , 90, 140, 224, 315, 500, 775, 1200			8/54 , 90, 140, 224,315, 500, 775, 1200		
Spindle Speeds Range										
Spindle Drive										
Spindle Mounting		Taper Roller Bearings			Taper Roller Bearings			Taper Roller Bearings		
TAIL STOCK SPINDLE										
Spindle Diameter (mm)		38.1			50.8			50.8 m.m		
Spindle Travel (mm)		120			38.1 110 MT - 3			145 m.m		
Spindle Morse Taper		MT-3			M-4			MT-4		
LEADING SCREW :										
Diameter (mm)		25.4			25.4 4			31.75 m.m.		
Thread (mm/TPI)		4			4			4		
THREADS										
Nos. of Threads / Range		Metric		17 / 0.5 m.m. to m.m pitch			17 / 0.5 m.m. to m.m pitch		17 / 0.5 m.m. to m.m pitch	
(Without Norton Gearbox)		Inch								
Nos. of Threads / Range		Metric								
(For Fully Norton Gearbox)		Inch		40 / 2 to 60 TPI			40 / 2 to 60 TPI		40 / 2 to 6 TPI	
FEEDS										
Nos. of Feeds / Range		Longitudinal								
(For Fully norton Gearbox)		Cross								
Nos. of Feeds / Range		Longitudinal								
(For Fully norton Gearbox)		Cross								
Floor Space Occupied (mm)		1500x850	1750x850	2200x850	1650x970	1950x970	2100 x 970	2000x900 m.m		
Approx Net Weight in Kgs.		Net		450	600	550	775	850	875	875kgs.
		Gross		625	790	750	825	900	925	925kgs
Approx Case Dimension (mm)		1700x900x1350	2400x 900x1350	1950 x 900 x 1350	2000 x 1000 x 1500	2200x1000 x 1500	2500x1000 x 1500	2100 x 1000 x 1330		
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.								