



ASIA MACHINES



ALL GEARED HEAVY DUTY LATHE MACHINE



TECHNICAL SPECIFICATIONS

| | | STD CENTRE HEIGHT | 12" CENTRE HEIGHT | | | |
|---|----------------------|-------------------|---|----------------|-------|------------------------|
| Centre Height over flat bed ways : | | 267 m.m. | 305 m.m. | | | |
| Swing Over Bed : | | 525 m.m. | 600 m.m. | | | |
| Swing Over Cross Slide : | | 300 m.m. | 375 m.m. | | | |
| Swing In Gap : | | 830 m.m. | 910 m.m. | | | |
| Length of Gap in front of Face Plate : | | 200 m.m. | 200 m.m. | | | |
| Width of Bed :STANDARD 325 m.m. (13") / OPTIONAL : 375 m.m. (15") | | | | | | |
| MODEL | Admit Between Centre | LENGTH OF BED | Floor Space (m.m.) | Weight in Kgs. | | Case Dimensions (m.m.) |
| | | | | Nett. | Gross | |
| VGH-0 | 525 m.m. | 1675 m.m. (5'-6") | 2200 x 1450 | 1450 | 1750 | 2400 x 1300 x 1600 |
| VGH-1 | 1000 m.m. | 2135 m.m. (7') | 2660 x 1450 | 1500 | 1900 | 2850 x 1300 x 1600 |
| VGH-2 | 1600 m.m. | 2745 m.m. (9') | 3140 x 1450 | 1650 | 2150 | 3350 x 1300 x 1600 |
| VGH-3 | 1900 m.m. | 3050 m.m. (10') | 3500 x 1450 | 1900 | 2450 | 3700 x 1300 x 1600 |
| VGH-4 | 2500 m.m. | 3660 m.m. (12') | 4110 x 1450 | 2050 | 2650 | 4300 x 1300 x 1600 |
| VGH-5 | 3100 m.m. | 4270 m.m. (14') | 4720 x 1450 | 2350 | 2950 | 5000 x 1300 x 1600 |
| VGH-6 | 3710 m.m. | 4875 m.m. (16') | 5330 x 1450 | 2700 | 3400 | 5550 x 1300 x 1600 |
| VGH-7 | 4320 m.m. | 5485 m.m. (18') | 5940 x 1450 | 3000 | 3800 | 6100 x 1300 x 1600 |
| VGH-8 | 4930 m.m. | 6095 m.m. (20') | 6550 x 1450 | 3300 | 4200 | 6710 x 1300 x 1600 |
| MAIN SPINDLE : | | | | | | |
| Type of Spindle Nose | | | : A 2 - 6 | | | |
| Spindle Morse Taper | | | : MT-6 | | | |
| Spindle Adapter Morse | | | : MT-4 | | | |
| TaperSpindle Speeds (Nos. / RPM / Range) | | | : 12 (30,43,55,85,115,160,210,285,400,545,785,1060RPM) | | | |
| Spindle Mounting on | | | : Taper Roller Bearings | | | |
| TAIL STOCK SPINDLE : Diameter : 60.3 m.m. / Travel : 180 m.m. / Morse Taper : MT-4 | | | | | | |
| LEADING SCREW : Diameter / Threads : 38 m.m. / 4 TPI | | | | | | |
| THREADS: Metric - 17 / 0.5 m.m. To 15 m.m. Pitch & Inch : 40 / 2 to 60 TPI | | | | | | |
| FEEDS : Longitudinal : 40 / 0.066 to 2 m.m. / rev. of spindle & Cross : 40 / 0.0165 to 0.5 m.m. / rev. of spindle | | | | | | |
| STANDARD ACCESSORIES : | | | OPTIONAL ACCESSORIES : | | | |
| Flame Hardened Bed Ways, Chuck back plate 1 no, centre adapter, Dead centres (MT - 4) 2 nos, Tool Post Spanner, Motor pulley, Thread dial indicator, Change gear set - 1 (For metric and inch both) and Norton gearbox. | | | Face Plate, Carrier Plate, Steady Rest, Follow Rest, Taper Turning Attachment, Coolant Pump with Tank and Fittings, 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. | | | |

ELECTRICALS: Electric motor of 3 HP / 2.25 Kw, 3 Phase, 1440 RPM with Panel board wirings, over load relay, Pushbutton switches, V-belts and fittings.