

# HIGH SPEED PRECISION LATHE

Bed Width: 345mm / 480mm

| MODELS                              |             | 1840/1860/1880/18120                                                                                                             | 2040/ 2060/2080/20120  | 2240/ 2260/ 2280/22120 | 2660/ 2680/ 26120/ 26160                                                                                       | 3060/ 3080/ 30120/ 30160 |
|-------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------|----------------------------------------------------------------------------------------------------------------|--------------------------|
| CAPACITY                            |             |                                                                                                                                  |                        |                        |                                                                                                                |                          |
| Centre height                       |             | 228 (9)                                                                                                                          | 254 (10)               | 280 (11)               | 330 (13)                                                                                                       | 380 (15)                 |
| Swing over bed                      |             | 460 (18)                                                                                                                         | 510 (20)               | 560 (22)               | 660 (26)                                                                                                       | 760 (30)                 |
| Swing over cross slide              |             | 290 (11.5)                                                                                                                       | 340 (13.5)             | 390 (15.5)             | 460 (18)                                                                                                       | 560 (22)                 |
| Swing in gap                        |             | 710 (28)                                                                                                                         | 760 (30)               | 810 (32)               | 860 (33.85)                                                                                                    | 960 (37.80)              |
| Distance between centres            |             | 1840/2040/2240.....1000 (40)<br>1860/2060/2260.....1500 (60)<br>1880/2080/2280.....2000 (80)<br>18120/20120/22120....3000 (120)  |                        |                        | 2660/3060.....1500 (60)<br>2680/3080.....2000 (80)<br>26120/30120.....3000 (120)<br>26160/30160.....4000 (160) |                          |
| Gap width in front of faceplate     |             | 220 (8.7)                                                                                                                        |                        |                        | 300(11.8)                                                                                                      |                          |
| Cross slide travel                  |             | 265 (10.5)                                                                                                                       |                        |                        | 330 (13)                                                                                                       | 380 (15)                 |
| Top slide travel                    |             | 130 (5.1)                                                                                                                        |                        |                        | 250(10)                                                                                                        |                          |
| Width of bed                        |             | 345 (13)                                                                                                                         |                        |                        | 480(18.9)                                                                                                      |                          |
| Length of bed                       |             | 1840/2040/2240.....2110 (83)<br>1860/2060/2260.....2670 (105)<br>1880/2080/2280....3175 (125)<br>18120/20120/22120....4190 (165) |                        |                        | 2660/3060.....3015 (118)<br>2680/3080.....3515 (138)<br>26120/30120....4530 (178)<br>26160/30160....5545 (218) |                          |
| MAIN SPINDLE                        |             |                                                                                                                                  |                        |                        |                                                                                                                |                          |
| Spindle nose (camlock)              |             | D-1-8                                                                                                                            |                        |                        | D-1-11 (A-2-11 Option)                                                                                         |                          |
| Spindle bore                        |             | 80 (3.125)                                                                                                                       |                        |                        | 105 (4.125)                                                                                                    |                          |
| Spindle speed                       | Numbers     | 16                                                                                                                               |                        |                        | ---                                                                                                            |                          |
|                                     | Ranges(RPM) | 20-1600                                                                                                                          |                        |                        | ---                                                                                                            |                          |
| Varispeed                           | Gear steps  | 2                                                                                                                                |                        |                        | 4                                                                                                              |                          |
|                                     | Ranges(RPM) | 16-2000                                                                                                                          |                        |                        | 10-1400                                                                                                        |                          |
| Spindle nose bush                   |             | MT#7                                                                                                                             |                        |                        | MT#8                                                                                                           |                          |
| Spindle centre                      |             | MT#5                                                                                                                             |                        |                        | MT#6                                                                                                           |                          |
| TAILSTOCK                           |             |                                                                                                                                  |                        |                        |                                                                                                                |                          |
| Tailstock spindle travel            |             | 180 (7)                                                                                                                          |                        |                        | 300 (12)                                                                                                       |                          |
| Tailstock barrel diameter           |             | 75 (3)                                                                                                                           |                        |                        | 105 (4.125)                                                                                                    |                          |
| Tailstock centre                    |             | MT#5                                                                                                                             |                        |                        | MT#6                                                                                                           |                          |
| THREADING                           |             |                                                                                                                                  |                        |                        |                                                                                                                |                          |
| No.of whitworth threads             |             | 45                                                                                                                               |                        |                        | 45                                                                                                             |                          |
| Range of whitworth threads (T.P.I.) |             | 2-72                                                                                                                             |                        |                        | 2-72                                                                                                           |                          |
| No. of metric threads               |             | 39                                                                                                                               |                        |                        | 39                                                                                                             |                          |
| Range of metric threads             |             | 0.2-14mm                                                                                                                         |                        |                        | 0.2-14mm                                                                                                       |                          |
| No. of Diametral pitch threads      |             | 21                                                                                                                               |                        |                        | 21                                                                                                             |                          |
| Range of D.P. threads               |             | 8-44DP                                                                                                                           |                        |                        | 8-44D.P.                                                                                                       |                          |
| No. of Module pitch threads         |             | 18                                                                                                                               |                        |                        | 18                                                                                                             |                          |
| Range of Module pitch threads       |             | 0.3-3.5mm                                                                                                                        |                        |                        | 0.3-3.5mm                                                                                                      |                          |
| FEED RANGE                          |             |                                                                                                                                  |                        |                        |                                                                                                                |                          |
| Longitudinal feeds                  |             | 0.04-1.0 (0.0015-0.04)                                                                                                           |                        |                        | 0.04-1.0 (0.0015-0.04)                                                                                         |                          |
| Cross feeds                         |             | 0.02-0.5 (0.0008-0.02)                                                                                                           |                        |                        | 0.02-0.5 (0.0008-0.02)                                                                                         |                          |
| DRIVING MOTOR                       |             |                                                                                                                                  |                        |                        |                                                                                                                |                          |
| Main motor                          | Standard    | 7.5KW(10HP) 9.375KW (12.5HP)-120" Series                                                                                         |                        |                        | 15KW (20HP)                                                                                                    |                          |
|                                     | Optional    | 9.375KW (12.5HP)-40" 60" 80" Series                                                                                              |                        |                        | 22.5KW (30HP)                                                                                                  |                          |
|                                     | Varispeed   | 7.5KW (10HP) 9.375KW (12.5HP)                                                                                                    |                        |                        | 15KW (20HP)                                                                                                    |                          |
| PACKING SIZE                        |             |                                                                                                                                  |                        |                        |                                                                                                                |                          |
| Length                              |             | 1840/2040/2240.....2460 (97)<br>1860/2060/2260.....2947 (116)<br>1880/2080/2280....3455 (136)<br>18120/20120/22120....4470 (176) |                        |                        | 2660/3060....4000 (160)<br>2680/3080....4500 (180)<br>26120/30120....5500 (220)<br>26160/30160....6520 (260)   |                          |
| Width                               |             | 1100 (44)                                                                                                                        |                        |                        | 1910 (76.4)                                                                                                    |                          |
| Height                              |             | 1573 (69) 1900 (75)-CE                                                                                                           | 1778 (70) 1928 (76)-CE | 1830 (72) 1980 (78)-CE | 1910 (76.4)                                                                                                    | 2120 (84.8)-CE           |
| Net weight (Approx. kgs)            |             | 1800/2000/2300/3300                                                                                                              | 2000/2200/2500/3500    | 2200/2400/2700/3700    | 3800/4300/5400/6500                                                                                            | 4000/4500/5600/6700      |
| Gross weight (Approx. kgs)          |             | 2050/2300/2650/3800                                                                                                              | 2250/2500/2850/4000    | 2500/2700/3050/4200    | 4300/5000/6000/7200                                                                                            | 4500/5200/6200/7400      |

• The above specifications subject to change without prior notice.