

# FLAT BED CNC LATHE

Bed Width: 610mm

| Specification                             | Unit    | KT-4260                   | KT-4280    | KT-42120   | KT-42160   | KT-42200 | KT-42240 | KT-5060                   | KT-5080    | KT-50120   | KT-50160   | KT-50200 | KT-50240 |
|-------------------------------------------|---------|---------------------------|------------|------------|------------|----------|----------|---------------------------|------------|------------|------------|----------|----------|
| CAPACITY                                  |         |                           |            |            |            |          |          |                           |            |            |            |          |          |
| Swing over bed                            | mm      | 1070                      |            |            |            |          |          | 1270                      |            |            |            |          |          |
| Swing over cross slide                    | mm      | 750                       |            |            |            |          |          | 950                       |            |            |            |          |          |
| Distance between center                   | mm      | 1750                      | 2250       | 3250       | 4250       | 5250     | 6250     | 1750                      | 2250       | 3250       | 4250       | 5250     | 6250     |
| Suitable 3-jaw hydr. chuck size (option)  | inch    | 18"                       |            |            |            |          |          | 18"                       |            |            |            |          |          |
| Hole through with hydr. chuck             | mm      | 117.5                     |            |            |            |          |          | 117.5                     |            |            |            |          |          |
| Max. work piece weight (with tailstock)   | kg      | 4000                      |            |            |            |          |          | 4000                      |            |            |            |          |          |
| Bed width                                 | mm      | 610                       |            |            |            |          |          | 610                       |            |            |            |          |          |
| TRAVEL                                    |         |                           |            |            |            |          |          |                           |            |            |            |          |          |
| X axis                                    | mm      | 580                       |            |            |            |          |          | 680                       |            |            |            |          |          |
| Z axis                                    | mm      | 1500                      | 2000       | 3000       | 4000       | 5000     | 6000     | 1500                      | 2000       | 3000       | 4000       | 5000     | 6000     |
| SPINDLE                                   |         |                           |            |            |            |          |          |                           |            |            |            |          |          |
| Spindle hole                              | mm      | 155                       | 230 (opt.) | 305 (opt.) | 410 (opt.) |          |          | 155                       | 230 (opt.) | 305 (opt.) | 410 (opt.) |          |          |
| Spindle nose                              |         | A2-11                     | A2-15      | A2-20      | A2-28      |          |          | A2-11                     | A2-15      | A2-20      | A2-28      |          |          |
| Speed range                               | rpm     | H: 151~750                | H: 111~560 | H: 54~270  | H: 43~215  |          |          | H: 151~750                | H: 111~560 | H: 54~270  | H: 43~215  |          |          |
|                                           |         | M: 31~150                 | M: 21~110  | M: 11~53   | M: 9~42    |          |          | M: 31~150                 | M: 21~110  | M: 11~53   | M: 9~42    |          |          |
|                                           |         | L: 6~30                   | L: 4~20    | L: 2~10    | L: 1.5~8   |          |          | L: 6~30                   | L: 4~20    | L: 2~10    | L: 1.5~8   |          |          |
| Suitable 3-jaw scroll chuck size (option) | mm      | 400/500/625               |            |            |            |          |          | 400/500/625               |            |            |            |          |          |
| Servo motor                               | KW      | 22/33 KW                  |            |            |            |          |          | 22/33 KW                  |            |            |            |          |          |
| TURRET (OPTION)                           |         |                           |            |            |            |          |          |                           |            |            |            |          |          |
| Number of tool stations                   |         | 8                         |            |            |            |          |          | 8                         |            |            |            |          |          |
| Tool allowance                            | mm      | □ 32x32                   |            |            |            |          |          | □ 32x32                   |            |            |            |          |          |
| Tool shank (Ø)                            | mm      | Ø50                       |            |            |            |          |          | Ø50                       |            |            |            |          |          |
| TURRET (OPTION)                           |         |                           |            |            |            |          |          |                           |            |            |            |          |          |
| Number of tool stations                   |         | 4                         |            |            |            |          |          | 4                         |            |            |            |          |          |
| Tool allowance                            | mm      | □ 40x40                   |            |            |            |          |          | □ 40x40                   |            |            |            |          |          |
| FEED RATE                                 |         |                           |            |            |            |          |          |                           |            |            |            |          |          |
| X axis rapid traverse                     | M/min.  | 5                         |            |            |            |          |          | 5                         |            |            |            |          |          |
| Z axis rapid traverse                     | M/min.  | 6                         |            | 5          |            | 4        |          | 6                         |            | 5          |            | 4        |          |
| FEED MOTORS                               |         |                           |            |            |            |          |          |                           |            |            |            |          |          |
| X axis power                              | Nm      | 17.3                      |            |            |            |          |          | 17.3                      |            |            |            |          |          |
| Z axis power                              | Nm      | 33.6                      |            |            |            |          |          | 33.6                      |            |            |            |          |          |
| BALL SCREW                                |         |                           |            |            |            |          |          |                           |            |            |            |          |          |
| X axis                                    | mm      | Ø40 x P8                  |            |            |            |          |          | Ø40 x P8                  |            |            |            |          |          |
| Z axis                                    | mm      | Ø80 x P16                 |            |            |            |          |          | Ø80 x P16                 |            |            |            |          |          |
| TAILSTOCK                                 |         |                           |            |            |            |          |          |                           |            |            |            |          |          |
| Quill stroke                              | mm      | 300                       |            |            |            |          |          | 300                       |            |            |            |          |          |
| Quill diameter                            | mm      | Ø165                      |            |            |            |          |          | Ø165                      |            |            |            |          |          |
| Quill inside taper                        | MT      | 6                         |            |            |            |          |          | 6                         |            |            |            |          |          |
| COOLANT                                   |         |                           |            |            |            |          |          |                           |            |            |            |          |          |
| Pump motor                                | KW      | 0.96 (50HZ) / 1.34 (60HZ) |            |            |            |          |          | 0.96 (50HZ) / 1.34 (60HZ) |            |            |            |          |          |
| Pump capacity                             | L/min   | min. 35 / max. 130        |            |            |            |          |          | min. 35 / max. 130        |            |            |            |          |          |
| Pump pressure                             | Bar     | 4.3 (50HZ) / 6 (60HZ)     |            |            |            |          |          | 4.3 (50HZ) / 6 (60HZ)     |            |            |            |          |          |
| LUBRICATION                               |         |                           |            |            |            |          |          |                           |            |            |            |          |          |
| Pump motor                                | W       | 12                        |            |            |            |          |          | 12                        |            |            |            |          |          |
| Pump capacity                             | cc/time | 6                         |            |            |            |          |          | 6                         |            |            |            |          |          |
| WEIGHT                                    |         |                           |            |            |            |          |          |                           |            |            |            |          |          |
| Net weight                                | kg      | 10000                     | 10800      | 12400      | 14000      | 15600    | 17200    | 10600                     | 11400      | 13000      | 14600      | 16200    | 17800    |

• Above specifications are subject to change without prior notice.