



## CZ Series – Bench Lathe



| SPECIFICATION                    |      |                              |
|----------------------------------|------|------------------------------|
| ITEM                             |      | CZ1440G/1                    |
| Swing over bed                   | mm   | φ355                         |
| Swing over carriage              | mm   | φ220                         |
| Swing over gap                   | mm   | φ500                         |
| Width of bed-way                 | mm   | 186                          |
| Distance between centers         | mm   | 1000                         |
| Taper of spindle                 |      | M.T.5                        |
| Spindle diameter                 | mm   | φ38                          |
| Step of speed                    |      | 8                            |
| Range of speed                   | rpm  | 70~2000                      |
| Head                             |      | D1-4                         |
| Metric thread                    |      | 26kinds (0.4~7mm)            |
| Inch thread                      |      | 34kinds(4~56T.P.I)           |
| Moulder thread                   |      | 16 kinds(0.35~5M.P)          |
| Diametral thread                 |      | 36 kinds(6~104D.P)           |
| Longitudinal feeds               | mm/r | 0.052~1.392 (0.002"~0.0548") |
| Cross feeds                      | mm/r | 0.014~0.38 (0.00055"~0.015") |
| Diameter of lead screw           | mm   | φ22(7/8")                    |
| Pitch of lead screw              |      | 3mm or 8T.P.I                |
| Saddle travel                    | mm   | 1000                         |
| Cross travel                     | mm   | 170                          |
| Compound travel                  | mm   | 74                           |
| Barrel travel                    | mm   | 95                           |
| Barrel diameter                  | mm   | φ32                          |
| Taper of center                  | mm   | M.T.3                        |
| Motor power                      | Kw   | 1.5(2HP)                     |
| Motor for coolant system's power | Kw   | 0.04(0.055HP)                |
| Machine(L×W×H)                   | mm   | 1920×750×760                 |
| Stand(left) (L×W×H)              | mm   | 440×410×700                  |
| Stand(right) (L×W×H)             | mm   | 370×410×700                  |
| Machine                          | Kg   | 505/565                      |