

New TB 42 / 60 CNC

Machine Specifications :

| Capacity: | Unit | TB-42 CNC | TB-60 CNC |
|---|-------|-----------------------------|--------------|
| Collet size (DIN 6343) | mm | 42 | 60 |
| Max Turning dia | mm | 42 | 60 |
| Swing over way covers | mm | 130 | 130 |
| Headstock: | | | |
| Spindle nose (Std/optional) | - | Flange/A2-5 | Flange/ A2-6 |
| Bar size (Maximum Outside dia) | mm | 42 | 60 |
| Front bearing dia | mm | 85 | 110 |
| Spindle speed range | rpm | 45-4500 | 40-4000 |
| Spindle motor power cont. /30min | kW | 3.7 / 5.5 | 5.5 / 7.5 |
| Spindle centre height from floor | mm | 1200 | 1200 |
| Axes: | | | |
| X-axis stroke | mm | 58 | 68 |
| Z-axis stroke | mm | 160 | 160 |
| Ball-screw dia & Pitch mm X & z axis | Dia | 25x5p | 25x5p |
| Rapid rate X/Z | m/min | 10 | |
| Feed rate | m/min | 5 | |
| Cross/Vertical slides (B-axis) | Nos | 1 / 2 | |
| Cross/Vertical slides travel | mm | 40 | |
| Tool shank size slides | mm | 12 x 12 OR 16 x 16 | |
| Turret & Tooling's: | | | |
| Turret type | - | Servo Driven | |
| Number of stations | - | 8 | |
| Indexing time 45 deg / 180° | sec | 0.6/ 1.70 | |
| Positioning Accuracy | min | +/-6" | |
| Repeatability | min | +/-2" | |
| Turning tool size | mm | 12 x 12 OR 16 x 16 | |
| Boring bar size | mm | 25.4H7 (1") | |
| Tank Capacity: | | | |
| Coolant tank with chip conveyor | ltr | 90 | |
| Lubrication tank capacity | ltr | 3 | |
| Hydraulic tank capacity | ltr | 40 | |
| Machine Size & Weight: | | | |
| L x W x H (approx with chip conveyor) | mm | 2700 x 1310 x 1700 | |
| L x W x H (approx with chip tray) | mm | 1870 x 1310 x 1700 | |
| Weight (approx) | kg | 2500 | |
| CNC System: | | | |
| No. of axes | - | 3 (Fanuc) | |
| Electricals | - | 220V, 3 Phase / 50Hz / 60Hz | |
| Control voltage | - | 24 V DC | |
| Total connected load (Approx) | KVA | 20 | |
| Note : All specifications in this catalogue are subject to change without notice. | | | |