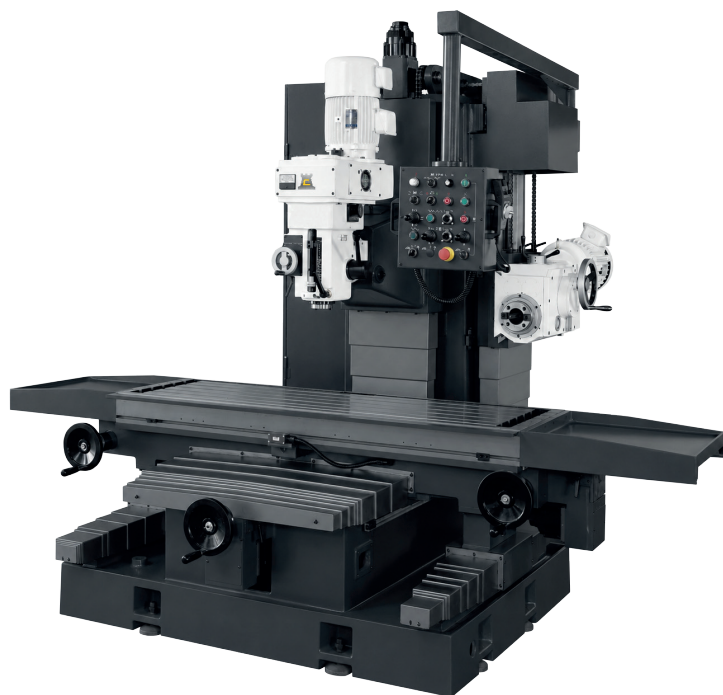




## TAURUS TURRET MILL SERVO/CNC



### Features:

- Servo-driven ballscrew feed on all axes
- Heavy-duty turret-type vertical milling machine
- Inverter-driven variable spindle speed with swivelling head
- AC servo feeds and ball screws on all four axes
- Powered ram traverse for extended reach
- Generous table with five T-slots for large workpieces
- Telescopic way covers protecting Y, Z and ram
- MPG handwheel system standard on all axes
- Automatic lubrication throughout
- Heavy ribbed castings for vibration-free cutting

| Model                                | Taurus Turret Mill Servo | Taurus Turret CNC    |
|--------------------------------------|--------------------------|----------------------|
| Working Surface                      | 1800 x 520mm             | 1800 x 520mm         |
| T-Slots (Qty/Width)                  | 5/18mm                   | 5/18mm               |
| T-Slot Pitch (Centres)               | 80mm                     | 80mm                 |
| X-Axis Travel (Manual)               | 1500mm                   | 1500mm               |
| X-Axis Travel (Automatic)            | 1500mm                   | 1500mm               |
| Y-Axis Travel (Manual)               | 630mm                    | 630mm                |
| Y-Axis Travel (Automatic)            | 630mm                    | 630mm                |
| Z-Axis Travel (Manual)               | 600mm                    | 600mm                |
| Z-Axis Travel (Automatic)            | 550mm                    | 550mm                |
| Load Capacity                        | 1000kg                   | 1000kg               |
| Table Swivel Range                   | N/A                      | N/A                  |
| <b>Spindle (Vertical)</b>            |                          |                      |
| Spindle Taper                        | NT40                     | NT40                 |
| Speed Control                        | Variable                 | Variable             |
| Speed Range                          | 60-3600rpm               | 60-3600rpm           |
| Spindle Centre to Column             | 660mm                    | 660mm                |
| Spindle Nose to Table                | 100-700mm                | 100-700mm            |
| Quill Travel                         | 140mm                    | 140mm                |
| Drawbar                              | M16                      | M16                  |
| Head Swivel Range                    | ±45°                     | ±45°                 |
| <b>Spindle (Horizontal) Optional</b> |                          |                      |
| Spindle Taper                        | NT50                     | NT50                 |
| Speed Control                        | 6-step                   | 6-step               |
| Speed Range                          | 100-590rpm               | 100-590rpm           |
| Spindle Centre to Table              | 0-550mm                  | 0-550mm              |
| <b>Feed Rates</b>                    |                          |                      |
| Number of Feeds                      | Variable                 | Variable             |
| X-Axis (Longitudinal)                | 30-3000mm/min            | 4000mm/min           |
| Y-Axis (Cross)                       | 30-3000mm/min            | 4000mm/min           |
| Z-Axis (Vertical)                    | 30-3000mm/min            | 4000mm/min           |
| H-Axis Ram (Optional)                | 30-3000mm/min            | 4000mm/min           |
| X-Axis Rapid Traverse                | 3000mm/min               | 8000mm/min           |
| Y-Axis Rapid Traverse                | 3000mm/min               | 8000mm/min           |
| Z-Axis Rapid Traverse                | 3000mm/min               | 8000mm/min           |
| H-Axis Rapid Traverse (Optional)     | 3000mm/min               | 8000mm/min           |
| <b>Motor/Type</b>                    |                          |                      |
| Vertical Spindle Motor/Belt          | 3.75kW (5hp)             | 3.75kW (5hp)         |
| Horizontal Spindle Motor/Geared      | 5.6kW (7.5hp)            | 5.6kW (7.5hp)        |
| X, Y, Z, H Axis Feed Motor/Servo     | 0.85kW (1.16hp)          | 2.2kW (2.95hp)       |
| Coolant Motor                        | 0.1kW (0.13hp)           | 0.1kW (0.13hp)       |
| <b>Weight and Dimensions</b>         |                          |                      |
| Machine Dimensions                   | 3050 x 2675 x 2641mm     | 3050 x 2675 x 2641mm |
| Net Weight                           | 6400kg                   | 6400kg               |

### Standard Accessories:

- 3 Axis Digital Readout
- 3 Axis Power Feed
- LED Work Lamp
- Coolant System
- Table Guard
- Spindle Brake
- Quillfeed Lever
- Air Powered Drawbar
- Chip Tray/Collector
- Automatic Lubrication System
- Toolbox
- Operation Manual

### Optional Accessories:

- Horizontal Head (H Axis)
- Semi Universal Dividing Head
- Fully Universal Dividing Head
- Rotary Table
- Slotting Head
- Machine Vice
- Clamp Kit
- Drill Chuck
- ER Milling Collet Chuck Set
- Boring Head
- Reducing Sleeve Set
- Combination Shell End Mill Arbors
- Long Milling Arbors
- End Mill Set
- Angle Plate
- Tilting Angle Table
- Right Angle Attachment

\* The above specifications are subject to change without prior notice, no liability for mistakes. Machines may be shown with optional equipment.