



DUAL-SPINDLE-BED TYPE MILLING MACHINE 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
Spindle (Vertical)		
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°
Spindle (Horizontal) Optional		
Spindle Taper	NT50	NT50
Speed Control	6-step	6-step
Speed Range	100-590rpm (50Hz)/120-707rpm (60Hz)	100-590rpm (50Hz)/120-707rpm (60Hz)
Spindle Centre to Table	0-550mm	0-550mm
Feed Rates		
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
Motor/Type		
Vertical Spindle Motor/Belt	3.75kW (5hp)	3.75kW (5hp)
Horizontal Spindle Motor/Geared	5.6kW (7.5hp), 4-Pole	5.6kW (7.5hp), 4-Pole
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)
Weight and Dimensions		
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.