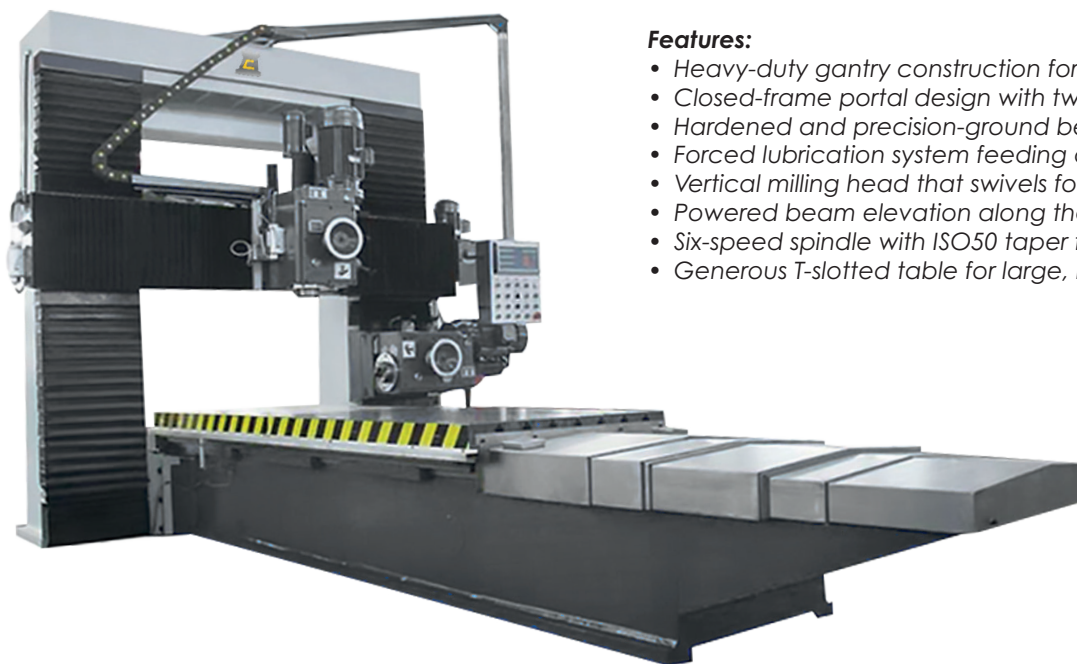




CHESTER GTM1100 - GTM1800

* GTM 1300-1800 Models only



Features:

- Heavy-duty gantry construction for rigid, stable cutting
- Closed-frame portal design with twin columns and connecting beam
- Hardened and precision-ground bed guideways for lasting accuracy
- Forced lubrication system feeding all critical guideways
- Vertical milling head that swivels for angled work
- Powered beam elevation along the columns
- Six-speed spindle with ISO50 taper for heavy tooling
- Generous T-slotted table for large, heavy workpieces

Standard Accessories:

- 3 Axis Digital Readout
- 3 Axis Power Feed
- LED Work Lamp
- Coolant System
- Drawbar and Drawbar Wrench
- Chip Tray/Collector
- Manual Lubrication System
- Toolbox
- Operation Manual

Optional Accessories:

- Automatic Lubrication System
- Semi Universal Dividing Head
- Fully Universal Dividing Head
- Rotary Table
- Machine Vice
- Clamp Kit
- ER Milling Collet Chuck Set
- Boring Head
- Reducing Sleeve Set
- Combination Shell End Mill Arbors
- End Mill Set
- Angle Plate

Model	GTM1100	GTM1300	GTM1400	GTM1800
Working Surface	2000/3000 x 800mm	2000/3000/4000 x 1000mm	2000/3000/4000 x 1250mm	2000/3000/4000 x 1400mm
T-Slots (Qty/Width)	5/22mm	7/22mm	7/22mm	7/28mm
T-Slot Pitch (Centres)	160mm	125mm	180mm	180mm
X-Axis Travel (Manual)	2000/3000mm	2000/3000/4000mm	2000/3000/4000mm	2000/3000/4000mm
X-Axis Travel (Automatic)	2000/3000mm	2000/3000/4000mm	2000/3000/4000mm	2000/3000/4000mm
Y-Axis Travel (Manual)	1100mm	1300mm	1400mm	1800mm
Y-Axis Travel (Automatic)	1100mm	1300mm	1400mm	1800mm
Z-Axis Travel (Manual)	800mm	1000mm	1000/1200mm	1000/1200mm
Z-Axis Travel (Automatic)	800mm	1000mm	1000/1200mm	1000/1200mm
Load Capacity	2000kg	2000/3000/4000kg	3000/4000/6000kg	4000/5000/6000kg
Table Swivel Range	N/A	N/A	N/A	N/A
Spindle (Vertical)				
Spindle Taper	7:24, ISO50	7:24, ISO50	7:24, ISO50	7:24, ISO50
Speed Control	6-step	6-step	6-step	6-step
Speed Range	82-505rpm	82-505rpm	82-505rpm	82-505rpm
Spindle Centre to Column	1140mm	1440mm	1600mm	1920mm
Spindle Nose to Table	800mm	1000mm	1000/1200mm	1000/1200mm
Drawbar	M24	M24	M24	M24
Head Swivel Range	±35°	±35°	±35°	±35°
Spindle (Horizontal)				
Spindle Taper	N/A	7:24, ISO50	7:24, ISO50	7:24, ISO50
Speed Control	N/A	6-step	6-step	6-step
Speed Range	N/A	82-505rpm	82-505rpm	82-505rpm
Spindle Centre to Table	800mm	1000mm	1000/1200mm	1000/1200mm
Drawbar	N/A	M24	M24	M24
Feed Rates				
Number of Feeds	Variable	Variable	Variable	Variable
X-Axis (Longitudinal)	20-360mm/min	20-360mm/min	25-450mm/min	25-450mm/min
Y-Axis (Cross)	65/320/890mm/min	65/320/890mm/min	65/320/890mm/min	65/320/890mm/min
Z-Axis (Vertical)	429mm/min	432mm/min	432mm/min	432mm/min
X-Axis Rapid Traverse	1400mm/min	1050mm/min	1300mm/min	1300mm/min
Y-Axis Rapid Traverse	890mm/min	890mm/min	890mm/min	890mm/min
Z-Axis Rapid Traverse	429mm/min	432mm/min	432mm/min	432mm/min
Motor/Type				
Vertical Spindle Motor/Gearred	7.5kW (10hp)	7.5kW (10hp)	7.5kW (10hp)	7.5kW (10hp)
Horizontal Spindle Motor	N/A	7.5kW (10hp)	7.5kW (10hp)	7.5kW (10hp)
Feed Motor, X Axis/Variable Frequency (VFD)	4kW (5.4hp)	4/5.5/7.5kW (5.4/7.5/10hp)	5.5/7.5kW (7.5/10hp)	5.5/7.5kW (7.5/10hp)
Feed Motor, Y Axis/General	1.1kW (1.5hp)	1.1kW (1.5hp)	1.1kW (1.5hp)	1.1kW (1.5hp)
Feed Motor, Z Axis/General	2.2kW (3hp)	4kW (5.4hp)	4kW (5.4hp)	4kW (5.4hp)
Coolant Motor	0.09kW (0.12hp)	0.09kW (0.12hp)	0.09kW (0.12hp)	0.09kW (0.12hp)
Weight and Dimensions				
Machine Dimensions	4000/6000 x 3000 x 2300mm	4550/7000/9000 x 3200 x 2550mm	5000/7000/9000 x 3550 x 2950/3150mm	5000/7000/9000 x 3550 x 2950/3150mm
Net Weight	5400kg	15000/18000/21000kg	18000/22000/26000kg	21000/26000/30000kg

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