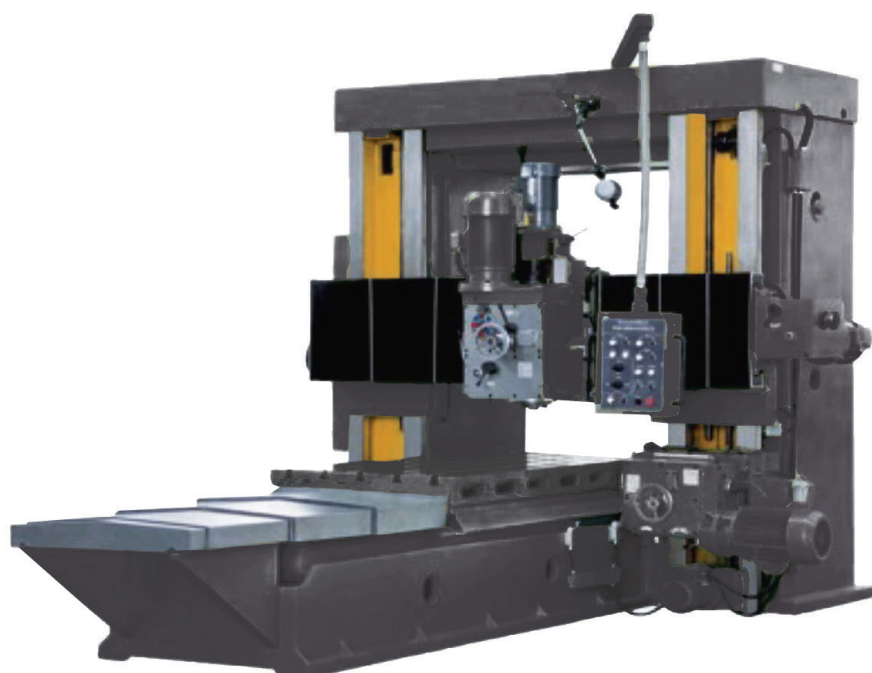




CHESTER PM2010 - PM2017C



Features:

- Heavy-duty planer milling machine built for large workpiece machining
- Servo-driven main transmission for smooth, infinitely variable table speeds
- Combined milling and shaping heads for versatile single-setup operation
- Rigid jacketed bed construction for stability under heavy cutting loads
- Electric crossbeam locking for secure, repeatable positioning

Standard Accessories:

- 1 Milling Head
- 3 Axis Digital Readout
- 2 Side Shaping Heads
- 3 Axis Power Feed
- LED Work Lamp
- Drawbar and Drawbar Wrench
- Automatic Lubrication System
- Operation Manual

Optional Accessories:

- Extra Milling Head*
- Semi Universal Dividing Head
- Extra Shaping head*

*Max 4 heads in any combination

Model	PM2010	PM2013A	PM2013B
Distance between Columns	1040mm	1320mm	1320mm
Working Surface	3000 x 700mm	3000 x 900mm	4000 x 900mm
T-Slots (Qty/Width)	5/22mm	5/22mm	5/22mm
T-Slot Pitch (Centres)	145mm	170mm	170mm
X-Axis Travel	3000mm	3000mm	4000mm
Y-Axis Travel	1000mm	1300mm	1300mm
Z-Axis Travel	1000mm	1000mm	1000mm
Load Capacity	3000kg	5000kg	6000kg
Spindle			
Spindle Taper	ISO50	ISO50	ISO50
Speed Control	Manual	Manual	Manual
Speed Range	66-660rpm, 8-steps	66-660rpm, 8-steps	66-660rpm, 8-steps
Spindle Centre to Column	516.50mm	516.50mm	516.60mm
Spindle Nose to Table	0-1000mm	0-1000mm	0-1000mm
Quill Travel	Quill immovable, crossrail or slider up/down	Quill immovable, crossrail or slider up/down	Quill immovable, crossrail or slider up/down
Drawbar	M24 x 685mm	M24 x 685mm	M24 x 685mm
Head Swivel Range	±45°	±45°	±45°
Feed Rates			
Number of Feeds	Variable	Variable	Variable
X-Axis (Longitudinal)	0.08-30m/min, Stepless	0.08-30m/min, Stepless	0.08-30m/min, Stepless
Y-Axis (Cross)	864mm/min	864mm/min	864mm/min
Z-Axis (Vertical)	360mm/min	360mm/min	360mm/min
X-Axis Rapid Traverse	30m/min	30m/min	30m/min
Y-Axis Rapid Traverse	864mm/min	864mm/min	864mm/min
Z-Axis Rapid Traverse	360m/min	360mm/min	360mm/min
Motor/Type			
Vertical Spindle Motor/Geared	11kW (15hp)	11kW (15hp)	11kW (15hp)
Horizontal Spindle Motor	N/A	N/A	N/A
Feed Motor, X Axis/Servo	15kW (20.1hp)	15kW (20.1hp)	22kW (29.48hp)
Feed Motor, Y Axis/Geared	1.5kW (2hp)	1.5kW (2hp)	1.5kW (2hp)
Feed Motor, Z Axis/Geared	2.2kW (3hp)	2.2kW (3hp)	2.2kW (3hp)
Coolant Motor/Geared	0.25kW (0.3hp)	0.37kW (0.5hp)	0.37kW (0.5hp)
Weight and Dimensions			
Machine Dimensions	6700 x 2900 x 2600mm	6700 x 3200 x 2600mm	8700 x 3200 x 2600mm
Net Weight	10500kg	11500kg	13500kg

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



CHESTER PM2010-PM2017C

Model	PM2016A	PM2016B
Distance between Columns	1620mm	1620mm
Working Surface	4000 x 1200mm	6000 x 1200mm
T-Slots (Qty/Width)	7/22mm	7/22mm
T-Slot Pitch (Centres)	185mm	185mm
X-Axis Travel	4000mm	6000mm
Y-Axis Travel	1600mm	1600mm
Z-Axis Travel	1200mm	1200mm
Load Capacity	6000kg	8000kg
Spindle		
Spindle Taper	ISO50	ISO50
Speed Control	Manual	Manual
Speed Range	66-660rpm, 8-steps	66-660rpm, 8-steps
Spindle Centre to Column	516.50mm	516.50mm
Spindle Nose to Table	0-1200mm	0-1200mm
Quill Travel	Quill immovable, crossrail or slider up/down	Quill immovable, crossrail or slider up/down
Drawbar	M24 x 685mm	M24 x 685mm
Head Swivel Range	±45°	±45°
Feed Rates		
Number of Feeds	Variable	Variable
X-Axis (Longitudinal)	0.08-30m/min, Stepless	0.08-30m/min, Stepless
Y-Axis (Cross)	864mm/min	864mm/min
Z-Axis (Vertical)	360mm/min	360mm/min
X-Axis Rapid Traverse	30m/min	30m/min
Y-Axis Rapid Traverse	864mm/min	864mm/min
Z-Axis Rapid Traverse	360mm/min	360mm/min
Motor/Type		
Vertical Spindle Motor/Geared	11kW (15hp)	11kW (15hp)
Horizontal Spindle Motor	N/A	N/A
Feed Motor, X Axis/Servo	22kW (29.48hp)	22kW (29.48hp)
Feed Motor, Y Axis/Geared	1.5kW (2hp)	1.5kW (2hp)
Feed Motor, Z Axis/Geared	2.2kW (3hp)	2.2kW (3hp)
Coolant Motor/Geared	0.37kW (0.5hp)	0.37kW (0.5hp)
Weight and Dimensions		
Machine Dimensions	8700 x 3500 x 2800mm	12700 x 3500 x 2800mm
Net Weight	18000kg	25000kg

Model	PM2017A	PM2017B	PM2017C
Distance between Columns	1720mm	1720mm	1720mm
Working Surface	8000 x 1300mm	10000 x 1300mm	12000 x 1300mm
T-Slots (Qty/Width)	7/22mm	7/22mm	7/22mm
T-Slot Pitch (Centres)	185mm	185mm	185mm
X-Axis Travel	8000mm	10000mm	12000mm
Y-Axis Travel	1700mm	1700mm	1700mm
Z-Axis Travel	1500mm	1500mm	1500mm
Load Capacity	10000kg	12000kg	15000kg
Spindle			
Spindle Taper	ISO50	ISO50	ISO50
Speed Control	Manual	Manual	Manual
Speed Range	66-660rpm, 8-steps	66-660rpm, 8-steps	66-660rpm, 8-steps
Spindle Centre to Column	516.50mm	516.50mm	516.50mm
Spindle Nose to Table	0-1500mm	0-1500mm	0-1500mm
Quill Travel	Quill immovable, crossrail or slider up/down	Quill immovable, crossrail or slider up/down	Quill immovable, crossrail or slider up/down
Drawbar	M24 x 685mm	M24 x 685mm	M24 x 685mm
Head Swivel Range	±45°	±45°	±45°
Feed Rates			
Number of Feeds	Variable	Variable	Variable
X-Axis (Longitudinal)	0.08-30m/min, Stepless	0.08-30m/min, Stepless	0.08-30m/min, Stepless
Y-Axis (Cross)	864mm/min	864mm/min	864mm/min
Z-Axis (Vertical)	360mm/min	360mm/min	360mm/min
X-Axis Rapid Traverse	30m/min	30m/min	30m/min
Y-Axis Rapid Traverse	864mm/min	864mm/min	864mm/min
Z-Axis Rapid Traverse	360mm/min	360mm/min	360mm/min
Motor/Type			
Vertical Spindle Motor/Geared	11kW (15hp)	11kW (15hp)	11kW (15hp)
Horizontal Spindle Motor	N/A	N/A	N/A
Feed Motor, X Axis/Servo	30kW (40.2hp)	30kW (40.2hp)	37kW (49.58hp)
Feed Motor, Y Axis/Geared	1.5kW (2hp)	1.5kW (2hp)	1.5kW (2hp)
Feed Motor, Z Axis/Geared	2.2kW (3hp)	2.2kW (3hp)	2.2kW (3hp)
Coolant Motor/Geared	0.55kW (0.75hp)	0.55kW (0.75hp)	0.55kW (0.75hp)
Weight and Dimensions			
Machine Dimensions	16700 x 3600 x 3100mm	20700 x 3600 x 3100mm	24700 x 3600 x 3100mm
Net Weight	29000kg	33000kg	37000kg

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