



Chester Drilling Machines • BD • FD Super Series



Model	BD25G	FD25G
Drilling Diameter in Iron	35mm	35mm
Drilling Diameter in Steel	25mm	25mm
Main Motor Power	0.75kw(1hp)	0.75kw(1hp)
Spindle Taper	MT3	MT3
Spindle Speeds	100-2900rpm	100-2900rpm
Number of Speeds	8	8
Spindle Quill Travel	140mm	140mm
Head Travel	455mm	240mm
Surface of Table		310x275mm
T Slot Size	14mm	14mm
Distance between T Slot Centres	188mm	158mm
Distance Spindle to Table (max)	N/a	600mm
Throat (spindle centre to column)	225mm	225mm
Distance Spindle to Base Plate (max)	470mm	1075mm
Base Plate Size	300x305mm	300x315mm
Overall Dimensions(LxWxH)	580x470x1000mm	640x470x1670mm
Net Weight	170kg	290kg
Power Supply	415v 50Hz	415v 50Hz

- Fully Geared Head with Two Speed Motor for High Torque
- Head Rotates 360° to enable drilling in any position
- Auto Tool Ejector releases tooling quickly
- Cast Iron Column ensures stability in drilling
- Table Tilts 45° of centre allowing angled drilling
- Table Rotates 360°
- Vertical Movement of Head via Worm Gears
- Optional Power Feed Quill

Standard Accessories:

- ✓ Drill Chuck and Arbor
- ✓ Manual and Parts List
- ✓ Morse Taper Sleeves
- ✓ Foundation Bolts

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Model	BD25G Super	FD25G Super
Drilling Capacity (Mild Steel)	26mm	26mm
Drilling Capacity (Cast Iron)	26mm	26mm
Tapping Capacity (Mild Steel)	M10	M10
Tapping Capacity (Cast Iron)	M16	M16
Spindle Taper	MT3	MT3
Distance from Spindle to Column	max 255mm	max 255mm
Distance from Spindle to Table (min/max)	n/a	max 840mm
Distance from Spindle to Base (min/max)	20/535mm	950/1250mm
Rotation of Table along with column	n/a	n/a
Tilting Angle of Drilling Head	n/a	n/a
Vertical Travel of Drilling Head	535mm	320mm
Tilting Angle of Table	n/a	n/a
Vertical Travel of Table	n/a	510mm
Table Size	n/a	500x350mm
Number and size of T slots on Table	n/a	14x25x13mm
Feeds and Spindle	n/a	140mm
Maximum Spindle Traverse (hand/power)	125mm	125mm
Number of Spindle Speeds	8	8
Range of Spindle Speeds	105,210,350,445,700,890,1450,2900rpm	105,210,350,445,700,890,1450,2900rpm
Base Size Overall	570x340mm	500x400mm
Base Working Surface	570x340mm	500x400mm
Number and Size of T Slots on Base	2,14x28x10mm	n/a
Distance between T Slots	130mm	n/a
Column Diameter	100mm	100mm
Main Motor Power	0.9/1.1kw(1.2/1.47hp)	0.9/1.1kw(1.2/1.47hp)
Weight and Dimensions		
Overall Height	1050mm	1750mm
Net Weight	155kg	192kg
Case Dimensions	570x340x1050mm	500x400x1750mm

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



BD25G Super

FD25G Super

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