

Product Brochure For D590

## BD-325 - Medium-Duty Bench Drill - Belt Drive

Table Tilts Left & Right To 45° & Rotates 360°  
 Ø16mm Drill Capacity with 2MT Spindle Taper

**Ex GST**  
**\$360.00**

**Inc GST**  
**\$396.00**



ORDER CODE:	D590
MODEL:	BD-325
Type - Bench / Pedestal:	Bench
Duty Type:	Medium-Duty
Drilling Diameter Capacity (mm):	Ø16
Spindle Taper (MT):	2
Spindle Travel (mm):	80
Throat Depth (mm):	162.5
Quill Diameter (mm):	40
Collar Diameter (mm):	55
Column Diameter (mm):	72
Spindle To Table (mm):	450
Spindle To Base (mm):	630
Table Shape:	Round
Table Size (mm):	290
Work Light:	~
Micro Switch On Pulley Guard:	Yes
Drive Belt Type:	A Section
Spindle Speed Steps (No.):	12
Spindle Speed Range (rpm):	280 - 2380
Motor Power (kW / hp):	0.75 / 1
Voltage / Amperage (V / amp):	240 / 10
Overall Height (mm):	980
Nett Weight (kg):	42



### Description

This versatile & reliable BD-325 bench drill is very useful for anyone requiring to drill consistent accurate holes and is commonly suited for any home workshop or garage use.

Mostly constructed from cast iron and machined steel to provide superior stability and strength. Powered by a 0.75kW, 1hp, 240-volt induction motor and coupled to a 12-belt speed pulley system offering wide range of speeds between 280-2380rpm. The down feed handle is also made from cast iron in one solid piece design and fitted with soft hand grips for your comfort & convenient drilling depth feed control.

The drill quill is equipped with a 2 morse taper spindle allowing you to fit 2MT drill bits directly to the spindle or 1MT drill bits with an optional adaptor. A quality Ø3-Ø16mm keyed drill chuck with 2MT arbor is included & fitted. The drill table can tilt left or right, rotate 360 degrees and the height is also easily adjusted up or down via rack & pinion hand lever & can be locked into position. Furthermore, the whole table assembly can be swivelled away to allow the machined base to be used as a work support.

The magnetic safety switch with emergency stop is conveniently front mounted for quick access. The drill also includes an adjustable safety drill chuck guard and the belt cover is equipped with a safety switch to ensure safe belt speed changing.

### Features

- Ideal for home, workshop or farm use
- Quiet belt drive system
- Quick action V-belt tensioning lever
- Drill chuck key holder mounted on right side of the machine
- Adjustable safety drilling chuck guard with flip up screen
- One piece cast iron drilling lever with comfort grips
- Safety micro switch on pulley guard
- Safety magnetic-type switch
- Rack & pinion table height adjustment with locking lever
- Thick walled column ensuring greater rigidity
- Table tilts left & right to 45° & rotates 360°
- Drilling depth stop
- Slotted work table
- 12 Spindle speeds - 280, 420, 440, 550, 620, 660, 1150, 1180, 1400, 1550, 1830, 2380rpm
- Fan-cooled, copper wound 240V motor

### Includes

16mm keyed drill chuck and arbor

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- Chuck key to suit
- Drill drift tool to remove drill chuck or taper shank drills

**Optional Accessories**

- Replacement 16mm Drill Chuck (C290)
- Replacement 2MT x JT3 Arbour (D442A)

**Specific Features**



Left View



Magnetic Switch



Emergency Stop Switch



Adjustable Safety Chuck Guard With Flip Up Screen



Safety Chuck Guard Flipped Up



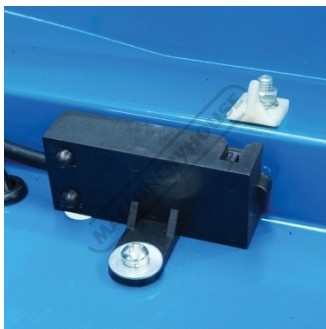
1 Piece Cast Iron Drilling Lever



80mm Spindle Travel



Drilling Depth Stop Setting With Scale



Safety Micro Switch on Pulley Guard



Head Side View

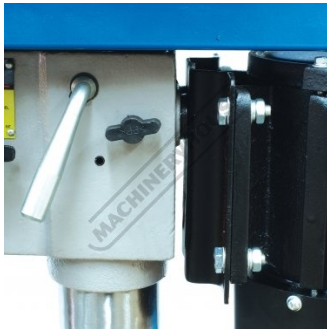


Chuck Key Holder



A Section Belt Drive System

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Belt Tension Lever and Lock



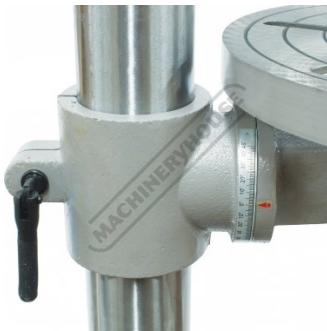
Speed Chart

Speed Chart (RPM) and Recommendations						
Imp.	Metric	S/Wood	H/Wood	Brass	Alum	Steel
1/16 - 3/16	1.5 - 4.8	3000	3000	3000	3000	3000
1/8 - 3/8	6.0 - 10.0	3000	1500	1200	2500	1000
7/16 - 5/8	11.0 - 16.0	1500	750	750	1500	600
1 1/16 - 1	22.0 - 25.0	750	500	400	1000	350
1 1/8 - 1 1/4	28.5 - 32.0	750	250	400	700	250

Recommended Speed for Drill Size and Material



Tilting and Rotating Cast Iron Table



Tilt Table Scale



Work Table

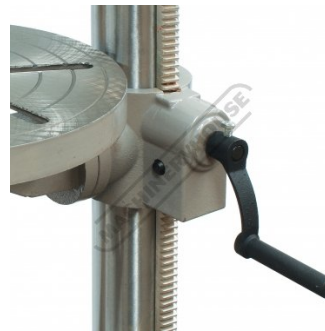


Table Height Adjustment Crank



Base



Drill Drift

**Recommended Accessories**

D199  
 VAZEY Drill Press Table



W3425  
 Drill Press Roller Support



C103  
 9" Drill Press Locking Clamp



P220  
 Gravity Feed Coolant System



S090A  
 Soluble Metal Cutting Fluid - 1  
 Litre



C086  
 Clamp Kit Tee Nuts



L300  
 Magnetic Swarf Remover



M9991  
 Magnetic Floor Sweeper





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D1272

Metric Precision HSS Drill Set - 25 Piece



D1282

Imperial Precision HSS Drill Set - 29 Piece



D126

Metric Precision HSS Drill Set - 170 Pieces



D1171

Metric Industrial HSS Reduced Shank Drill Set



D1181

Imperial Industrial HSS Reduced Shank Drill Set



D117

Metric HSS Reduced Shank Drill Set



P090

Pipe & Tube Notcher Attachment



V124

Drill Press Vice



V144

Drill Press Vice



V145

Drill Press Vice



V141

Safeway Precision Drill Press Vice



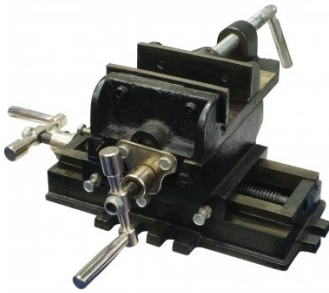
V114

Tilting Drill Press Vice



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V120  
Compound Drill Vice



V1204  
Compound Drill Vice



V1205  
Compound Drill Vice



T002  
Reversible Tapping Chuck



C292  
Industrial Drill Chuck - Keyless Type



C294  
Industrial Drill Chuck - Keyless Type



D442  
2MT x JT6 Drill Chuck Arbor



D442A  
2MT x JT3 Drill Chuck Arbor



O000  
SpillFix Universal Organic Absorbent



O000A  
Natural Zeolite Absorbent



O043  
Rust & Corrosion Preventive - Penetrant & Lubrication



O042  
General Purpose Lubricant & Corrosion Inhibitor



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O040

Rust & Corrosion Preventive -  
Penetrant & Lubrication



O044

Rust & Corrosion Preventive -  
Penetrant & Lubrication



M800

Rubber Mat - Anti-Fatigue



M805

Rubber Mat - Anti-Fatigue

