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Product Brochure For D590

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

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

| Ex GST | Inc GST |
|---|---|
| $440.00 | $506.00 |



| | |
|---|---|
| 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 45º & rotates 360º
- 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



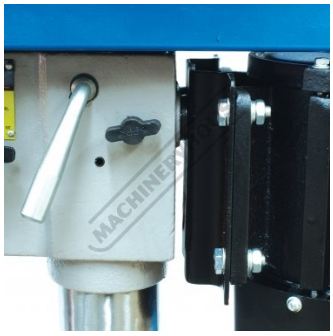
Chuck Key Holder


A Section Belt Drive System

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Belt Tension Lever and Lock




Speed Chart




Recommended Speed for Drill Size and Material



Tilting and Rotating Cast Iron Table



Tilt Table Scale



Work Table

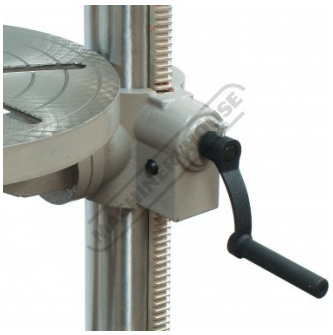


Table Height Adjustment Crank



Base



Drill Drift

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## Recommended Accessories

W3425
Drill Press Roller Support



C103
228mm Muliti-Purpose 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



D1272
Metric 135º Precision HSS M35 COBALT Drill Set - 25 Piece



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# Product Brochure For D590

## D1282
Imperial 135º Precision HSS M35 COBALT Drill Set - 29 Piece



## D126
Metric 135º Precision HSS M35 COBALT 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



## V1204
Compound Drill Vice



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V1205
Compound Drill Vice



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



O043
Rust & Corrosion Preventive




O042
General Purpose Lubricant & Corrosion Inhibitor




O044
Rust & Corrosion Preventive




M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue

