

**HAFCO-METALMASTER BD-325**



**Medium-Duty Bench Drill - Belt Drive**

**Table Tilts Left & Right To 45° & Rotates 360°**



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



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



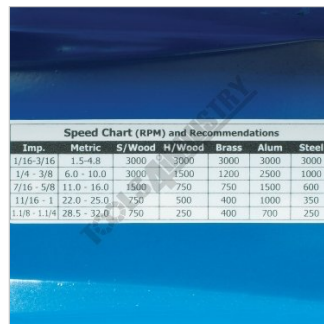
A Section Belt Drive System



Belt Tension Lever and Lock



Speed Chart



Recommended Speed for Drill Size and Material



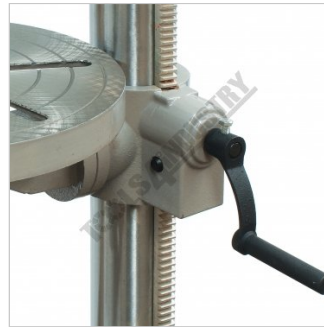
Tilting and Rotating Cast Iron Table

**HAFCO-METALMASTER Medium-Duty Bench Drill - Belt Drive BD-325**

Tilt Table Scale



Work Table

Table Height Adjustment  
Crank

Base



Drill Drift

**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.

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

### Specifications

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

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