

HAFCO-METALMASTER SBD-20B



Medium-Duty Bench Drill

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



HAFCO-METALMASTER Medium-Duty Bench Drill SBD-20B



Left View



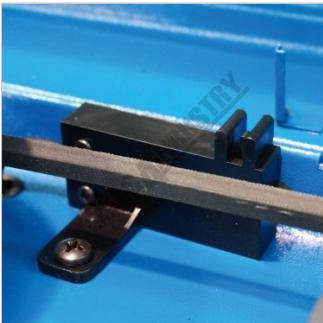
Magnetic Switch



Adjustable Safety Chuck Guard with Flip Up Screen



1 Piece Cast Iron Drilling Lever



Safety Micro Switch on Pulley Guard



Drilling Depth Stop Setting with Scale



Head Side View



Chuck Key Holder



M Section Belt Drive System



Belt Tension Lever and Lock

SPINDLE SPEEDS IN R.P.M. (r/min)				
225	280	320	410	
480	520	620	650	
720	860	1310	1430	
1910	2090	2400	3480	

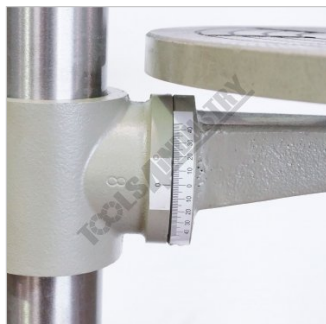
Speed Chart

RECOMMENDED SPEED FOR DRILL SIZE & MATERIAL													
DRILL SIZE (mm)	DRILL SIZE (in)	Mild Steel			Aluminum			Cast Iron			Stainless Steel		
		Feeds	Spindle Speed (RPM)	Surface Feet (SFM)	Feeds	Spindle Speed (RPM)	SFM	Feeds	Spindle Speed (RPM)	SFM	Feeds	Spindle Speed (RPM)	SFM
1.5	1/16	0.0025	1100	100	0.0025	1100	100	0.0025	1100	100	0.0025	1100	100
2.0	1/8	0.003	800	75	0.003	800	75	0.003	800	75	0.003	800	75
2.5	3/16	0.0035	600	55	0.0035	600	55	0.0035	600	55	0.0035	600	55
3.0	1/4	0.004	450	40	0.004	450	40	0.004	450	40	0.004	450	40
4.0	3/8	0.005	300	25	0.005	300	25	0.005	300	25	0.005	300	25
5.0	1/2	0.006	200	15	0.006	200	15	0.006	200	15	0.006	200	15
6.0	5/8	0.007	150	10	0.007	150	10	0.007	150	10	0.007	150	10
8.0	3/4	0.008	100	7	0.008	100	7	0.008	100	7	0.008	100	7
10.0	7/8	0.009	75	5	0.009	75	5	0.009	75	5	0.009	75	5
12.0	1	0.01	60	4	0.01	60	4	0.01	60	4	0.01	60	4

Recommended Speed for Drill Size and Material



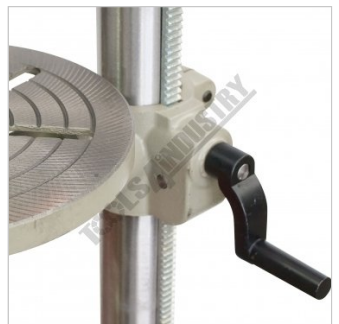
Tilting and Rotating Cast Iron Table



Tilt Table Scale



Work Table



Rack and Pinion Wind Up Table

HAFCO-METALMASTER Medium-Duty Bench Drill SBD-20B



Base

Features

- Ideal for home, workshop or farm use
- Quiet belt drive system
- Quick action V-belt tensioning lever
- Drill chuck key holder mounted on left side of the machine
- Adjustable safety drilling chuck guard with flip up screen
- One piece cast iron drilling lever
- 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 setting with scale
- Slotted work table
- 16 Spindle speeds - 220, 280, 320, 410, 480, 520, 620, 650, 720, 860, 1310, 1430, 1910, 2080, 2400, 3480rpm
- 240V Aluminium fan-cooled motor

Includes

- 16mm keyed drill chuck and arbor
- Chuck key to suit
- Drill drift tool to remove drill chuck or taper shank drills

Specifications

ORDER CODE	D138
MODEL	SBD-20B
Type - Bench / Pedestal	Bench
Duty Type	Medium-Duty
Drilling Diameter Capacity (mm)	Ø16
Spindle Taper (MT)	2
Spindle Travel (mm)	80
Throat Depth (mm)	170
Quill Diameter (mm)	40
Collar Diameter (mm)	55
Column Diameter (mm)	70
Spindle To Table (mm)	455

HAFCO-METALMASTER Medium-Duty Bench Drill SBD-20B

Spindle To Base (mm)	700
Table Shape	Round
Table Size (mm)	300
Work Light	~
Micro Switch On Pulley Guard	Yes
Drive Belt Type	M Section
Spindle Speed Steps (No.)	16
Spindle Speed Range (rpm)	220 - 3480
Motor Power (kW / hp)	0.75 / 1
Voltage / Amperage (V / amp)	240 / 10
Overall Height (mm)	1060
Nett Weight (kg)	55