

Product Brochure For D138

Medium-Duty Bench Drill - SBD-20B

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



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

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
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

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Specific Features



Left View



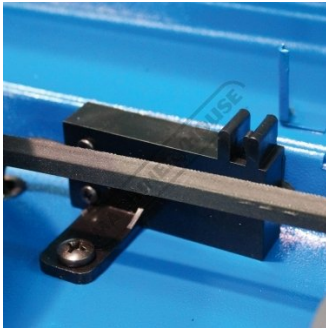
Magnetic Switch



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)

220	280	320	410
480	520	620	650
720	950	1310	1430
1910	2080	2400	3480

Speed Chart

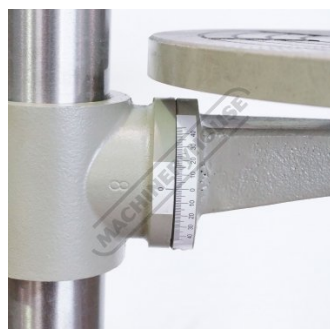
RECOMMENDED SPEED FOR DRILL SIZE & MATERIAL

DRILL SIZE (mm)	Mild Steel		Aluminum		Cast Iron		Stainless Steel		Titanium	
	Approx.	Max.	Approx.	Max.	Approx.	Max.	Approx.	Max.	Approx.	Max.
3-6	1000	1500	1500	2000	1000	1500	1000	1500	1000	1500
7-10	750	1100	1100	1500	750	1100	750	1100	750	1100
11-13	600	900	900	1200	600	900	600	900	600	900
14-18	450	650	650	900	450	650	450	650	450	650
19-25	300	450	450	600	300	450	300	450	300	450
26-32	200	300	300	400	200	300	200	300	200	300

Recommended Speed for Drill Size and Material



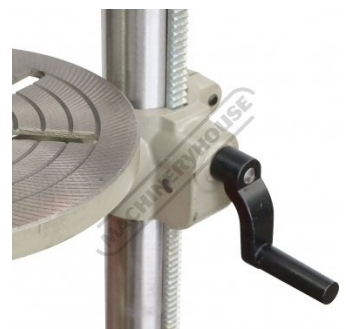
Tilting and Rotating Cast Iron Table



Tilt Table Scale



Work Table



Rack and Pinion Wind Up Table

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Base

Recommended Accessories

W3425
Drill Press Roller Support



C103
228mm Multi-Purpose Locking Clamp



P220
Gravity Feed Coolant System



S090A
Soluble Metal Cutting Fluid - 1 Litre



D1272
Metric 135° Precision HSS Drill Set - 25 Piece



D1282
Imperial 135° Precision HSS Drill Set - 29 Piece



D126
Metric 135° Precision HSS Drill Set - 170 Pieces



D1171
Metric Industrial HSS Reduced Shank Drill Set



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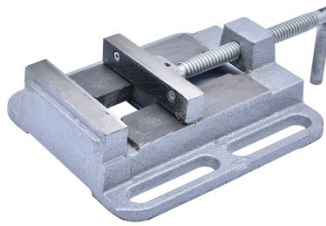
D1181
Imperial Industrial HSS Reduced
Shank Drill Set



D117
Metric HSS Reduced Shank Drill
Set



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



V1205
Compound Drill Vice



P090
Pipe & Tube Notcher
Attachment



C292
Industrial Drill Chuck - Keyless
Type



C294
Industrial Drill Chuck - Keyless
Type



Product Brochure For D138

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

