

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



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

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

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Specific Features



Left View



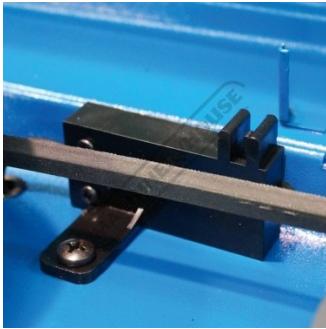
Magnetic Switch



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

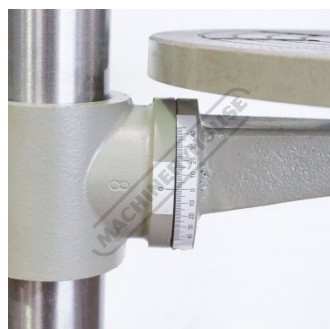
Speed Chart

DRILL SIZE (mm)	MATERIAL			
	ALUMINUM	BRASS	CAST IRON	STEEL
3-6	1000-1500	1000-1500	1000-1500	1000-1500
7-10	1000-1500	1000-1500	1000-1500	1000-1500
11-15	1000-1500	1000-1500	1000-1500	1000-1500
16-20	1000-1500	1000-1500	1000-1500	1000-1500
21-25	1000-1500	1000-1500	1000-1500	1000-1500
26-30	1000-1500	1000-1500	1000-1500	1000-1500
31-35	1000-1500	1000-1500	1000-1500	1000-1500
36-40	1000-1500	1000-1500	1000-1500	1000-1500
41-45	1000-1500	1000-1500	1000-1500	1000-1500
46-50	1000-1500	1000-1500	1000-1500	1000-1500
51-55	1000-1500	1000-1500	1000-1500	1000-1500
56-60	1000-1500	1000-1500	1000-1500	1000-1500
61-65	1000-1500	1000-1500	1000-1500	1000-1500
66-70	1000-1500	1000-1500	1000-1500	1000-1500
71-75	1000-1500	1000-1500	1000-1500	1000-1500
76-80	1000-1500	1000-1500	1000-1500	1000-1500
81-85	1000-1500	1000-1500	1000-1500	1000-1500
86-90	1000-1500	1000-1500	1000-1500	1000-1500
91-95	1000-1500	1000-1500	1000-1500	1000-1500
96-100	1000-1500	1000-1500	1000-1500	1000-1500

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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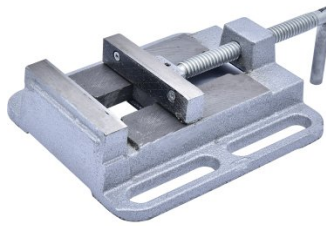
D1181
 Imperial Industrial HSS Reduced
 Shank Drill Set



D117
 Metric HSS Reduced Shank Drill
 Set



V124
 Drill Press Vice



V144
 Drill Press Vice



V145
 Drill Press Vice



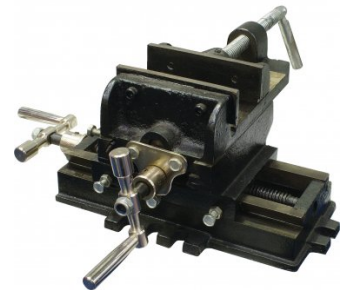
V141
 Safeway Precision Drill Press
 Vice



V114
 Tilting Drill Press Vice



V120
 Compound Drill Vice



V1204
 Compound Drill Vice



V1205
 Compound Drill Vice



P090
 Pipe & Tube Notcher
 Attachment



C292
 Industrial Drill Chuck - Keyless
 Type



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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



O043
 Rust & Corrosion Preventive



O042
 General Purpose Lubricant & Corrosion Inhibitor



O040
 Rust & Corrosion Preventive



O044
 Rust & Corrosion Preventive



M800
 Rubber Mat - Anti-Fatigue



M805
 Rubber Mat - Anti-Fatigue

