

Product Brochure For D144

Medium-Duty Bench Drill - SBD-25A

Table Tilts Left & Right To 45° & Rotates
Ø20mm Drill Capacity with 2MT Spindle Taper



ORDER CODE:	D144
MODEL:	SBD-25A
Type - Bench / Pedestal:	Bench
Duty Type:	Heavy-Duty
Drilling Diameter Capacity (mm):	Ø20
Spindle Taper (MT):	2
Spindle Travel (mm):	80
Throat Depth (mm):	195
Quill Diameter (mm):	47
Collar Diameter (mm):	60
Column Diameter (mm):	80
Spindle To Table (mm):	455
Spindle To Base (mm):	700
Table Shape:	Square
Table Size (mm):	300
Work Light:	Yes
Micro Switch On Pulley Guard:	Yes
Drive Belt Type:	A Section
Spindle Speed Steps (No.):	16
Spindle Speed Range (rpm):	195 - 3645
Motor Power (kW / hp):	0.75 / 1
Voltage / Amperage (V / amp):	240 / 10
Overall Height (mm):	1060
Nett Weight (kg):	60

Features

- Ideal for home, workshop or farm use
- Quiet V-belt drive system
- Quick action 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
- Drilling depth stop setting with scale
- Work light mounted underneath drill head to provide direct light onto work piece
- Slotted work table
- 16 Spindle speeds - 195, 290, 310, 420, 470, 490, 610, 680, 740, 765, 1490, 1550, 1660, 2350, 2410, 3645rpm
- 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



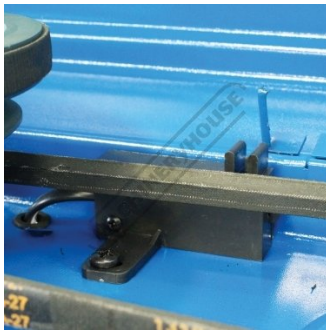
Magnetic Switch and Light Switch



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



Side View of Head



Speed Chart

RECOMMENDED SPEED FOR DRILL SIZE & MATERIAL						
SPEED RANGE (RPM)	WOOD		ALUM ZINC BRASS		IRON STEEL	
	in mm	in mm	in mm	in mm	in mm	in mm
3645	1/4 6.4	5/32 4.0	3/32 2.4			
2350-2410	3/8 9.5	7/32 5.5	1/8 3.2			
1550-1660	5/8 16.0	11/32 8.75	1/4 6.4			
1490-1550	7/8 22.0	15/32 12.0	11/32 8.75			
490-765	1-1/4 31.75	11/16 17.5	1/2 12.5			
310-470	1-3/8 41.4	3/4 19.0	5/8 16.0			
195-290	2 50.8	7/8 22.0	4/5 20.0			

Recommended Speed for Drill Size and Material



Work Table



Tilting and Rotating Cast Iron Table



Work Light

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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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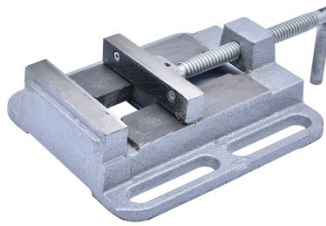
D1181
Imperial Industrial HSS Reduced
Shank Drill Set



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



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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

