

Product Brochure For D598V

## Heavy-Duty Pedestal Drill - Belt Drive - PD-440

Table Tilts Left & Right To 45°

Ø28mm Drill Capacity with 3MT Spindle Taper



ORDER CODE:	D598
MODEL:	PD-440
Type - Bench / Pedestal:	Pedestal
Duty Type:	Heavy-Duty
Drilling Diameter Capacity (mm):	Ø28
Spindle Taper (MT):	3
Spindle Travel (mm):	120
Throat Depth (mm):	220
Quill Diameter (mm):	52
Collar Diameter (mm):	75
Column Diameter (mm):	92
Spindle To Table (mm):	765
Spindle To Base (mm):	1225
Table Shape:	Square
Table Size (mm):	350 x 350
Work Light:	Yes
Micro Switch On Pulley Guard:	Yes
Drive Belt Type:	A Section
Spindle Speed Steps (No.):	12
Spindle Speed Range (rpm):	150 - 2450
Motor Power (kW / hp):	1.1 / 1.5
Voltage / Amperage (V / amp):	240 / 10
Overall Height (mm):	1710
Nett Weight (kg):	106



### Description

If you needed to drill holes up to Ø28mm & require a heavy-duty 3 morse taper drilling machine with all the features to make your job easier and that represents great value for investment, this PD-440 pedestal drill could be the machine for you.

This machine is heavy duty rated and the large drill head has a work light fitted underneath to shine directly onto your job, the quill diameter is larger to increase accuracy when using & the unique square table offers more surface area to work on, and additionally allows T-nut & clamps to be used on this design.

Mostly constructed from cast iron and machined steel to provide superior stability and strength. Powered by a 1.1kW, 1.5hp, 240-volt induction motor and coupled to a 12-belt speed pulley system offering wide range of speeds between 150-2450rpm. 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 3 morse taper spindle allowing you to fit 3MT drill bits directly to the spindle or 1-2MT drill bits with optional adaptors. A quality Ø3-Ø16mm keyed drill chuck with 3MT arbor is included & fitted. The drill table can tilt left or right, 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.

### Features

- Ideal for home, workshop or farm use
- Quiet V-belt drive system
- Quick action 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°
- Drilling depth stop
- Work light mounted underneath drill head to provide direct light onto the work piece
- T slotted work table

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- 12 Spindle speeds - 150, 240, 270, 330, 430, 470, 830, 1030, 1270, 1430, 1790, 2450rpm
- 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

### Optional Accessories

- Replacement 16mm Drill Chuck (C290)
- Replacement 3MT x JT3 Arbor (D443A)

### Specific Features



Left View



Magnetic Switch



Emergency Stop Switch and Light Switch



Work Light



Adjustable Safety Chuck Guard with Flip Up Screen



Safety Chuck Guard Flipped Up



1 Piece Cast Iron Drilling Lever



Drilling Depth Stop Setting With Scale



Safety Micro Switch on Pulley Guard



Head Side View



A Section Belt Drive System



Chuck Key Holder

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Belt Tension Lever and Lock

150	270	470	1270
240	430	1030	1790
330	630	1430	2450

Speed Chart

Speed Chart (RPM) and Recommendations						
Imp.	Metric	S/Wood	H/Wood	Brass	Alum	Steel
1/16-3/16	1.5-4.8	3000	3000	3000	3000	3000
1/4 - 3/8	6.0 - 10.0	3000	1900	1200	2500	1000
7/16 - 5/8	11.0 - 16.0	1500	750	750	1500	600
11/16 - 1	22.0 - 25.0	750	500	400	1000	350
1 1/8 - 1 1/4	28.5 - 32.0	750	250	400	700	250

Recommended Speed for Drill Size and Material



Tilting and Rotating Cast Iron Table



Work Table



Table Height Adjustment Crank



Base



Drill Drift

Recommended Accessories

W3425  
 Drill Press Roller Support

C086  
 Clamp Kit Tee Nuts

P220  
 Gravity Feed Coolant System

S090A  
 Soluble Metal Cutting Fluid - 1 Litre



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**L300**  
 Magnetic Swarf Remover



**M9991**  
 Magnetic Floor Sweeper



**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



**D1181**  
 Imperial Industrial HSS Reduced Shank Drill Set



**D117**  
 Metric HSS Reduced Shank Drill Set



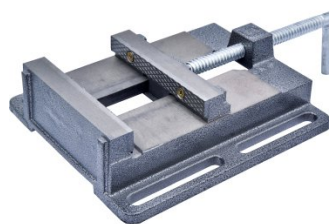
**V124**  
 Drill Press Vice



**V125**  
 Drill Press Vice



**V126**  
 Drill Press Vice



**V144**  
 Drill Press Vice



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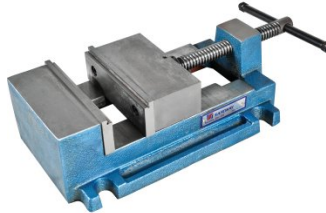
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 Drill Press Vice



V141  
 Safeway Precision Drill Press  
 Vice



V142  
 Safeway Precision Drill Press  
 Vice



V143  
 Safeway Precision Drill Press  
 Vice



V114  
 Tilting Drill Press Vice



V1204  
 Compound Drill Vice



V1205  
 Compound Drill Vice



T004  
 Reversible Tapping Chuck -  
 Adjustable Clutch



T005  
 Reversible Tapping Chuck -  
 Adjustable Clutch



C292  
 Industrial Drill Chuck - Keyless  
 Type



C294  
 Industrial Drill Chuck - Keyless  
 Type



D443  
 3MT x JT6 Drill Chuck Arbor



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D443A  
 3MT x JT3 Drill Chuck Arbor



D422  
 Drill Sleeve - Morse Taper



P090  
 Pipe & Tube Notcher Attachment



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

