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Product Brochure For D596

Heavy-Duty Pedestal Drill - Belt Drive - PD-360

Table Tilts Left & Right To 45º & Rotates 360º
Ø20mm Drill Capacity with 2MT Spindle Taper



ORDER CODE:	D596
MODEL:	PD-360
Type - Bench / Pedestal:	Pedestal
Duty Type:	Heavy-Duty
Drilling Diameter Capacity (mm):	Ø20
Spindle Taper (MT):	2
Spindle Travel (mm):	85
Throat Depth (mm):	180
Quill Diameter (mm):	47
Collar Diameter (mm):	55
Column Diameter (mm):	72
Spindle To Table (mm):	685
Spindle To Base (mm):	1175
Table Shape:	Square
Table Size (mm):	290
Work Light:	Yes
Micro Switch On Pulley Guard:	Yes
Drive Belt Type:	A Section
Spindle Speed Steps (No.):	12
Spindle Speed Range (rpm):	280 - 2380
Motor Power (kW / hp):	0.75 / 1
Voltage / Amperage (V / amp):	240 / 10
Overall Height (mm):	1600
Nett Weight (kg):	66

Description

The PD-360 pedestal drill is the bigger brother to the BD-360 model and has an advantage over the bench model as it does not take up valuable bench space.

This machine is heavy duty rated and consequently has the same user-friendly features as its little brother. The larger drill head has a work light fitted underneath to shine directly onto your job, the quill diameter is approximately 20% lager to increase accuracy & the square table offers more surface area to work on, and additionally allows T-nut & clamps to be used on this design. This drilling machine is Ø20mm rated & beneficial for anyone requiring to drill consistent accurate holes and is commonly suited for any home workshop or farm use.

Mostly constructed from cast iron and machined steel to provide superior stability and strength. Powered by a 0.75kW, 1hp, 240-volt induction motor and coupled to a 12-belt speed pulley system offering wide range of speeds between 280-2380rpm. 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 2 morse taper spindle allowing you to fit 2MT drill bits directly to the spindle or 1MT drill bits with an optional adaptor. A quality Ø3-Ø16mm keyed drill chuck with 2MT arbor is included & fitted. The drill table can tilt left or right, rotate 360 degrees 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 45º & rotates 360º
- Drilling depth stop
  Work light mounted underneath drill head to provide direct light onto the work piece

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- Slotted work table
- 12 Spindle speeds - 280, 420, 440, 550, 620, 660, 1150, 1180, 1400, 1550, 1830, 2380rpm
- 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 2MT x JT3 Arbour (D442A)

Specific Features


Left View


Magnetic Switch


Emergency Stop Emergency 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


80mm Spindle Travel


Drilling Depth Stop Setting With Scale


Safety Micro Switch on Pulley Guard


Head Side View



A Section Belt Drive System

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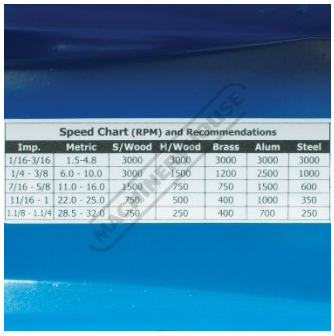


Chuck Key Holder


Belt Tension Lever and Lock



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	1500	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

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Recommended Accessories

W3425
Drill Press Roller Support



P220
Gravity Feed Coolant System



S090A
Soluble Metal Cutting Fluid - 1 Litre



C086
Clamp Kit Tee Nuts



L300
Magnetic Swarf Remover



M9991
Magnetic Floor Sweeper



D1272
Metric 135º Precision HSS M35 COBALT Drill Set - 25 Piece



D1282
Imperial 135º Precision HSS M35 COBALT Drill Set - 29 Piece



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D126
Metric 135º Precision HSS M35 COBALT 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



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



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C292
Industrial Drill Chuck - Keyless Type



C294
Industrial Drill Chuck - Keyless Type



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

