

MACHINE SPECIFICATIONS



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MODEL W1670 1/2 HP 34" FLOOR RADIAL DRILL PRESS

Product Dimensions

Weight..... 138 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 14 x 32 x 64-1/2 in.
Footprint (Length x Width)..... 18 x 11 in.

Shipping Dimensions

Type..... Cardboard Box
Content..... Machine
Weight..... 147 lbs.
Length x Width x Height..... 20 x 56 x 10 in.

Electrical

Power Requirement..... 120V, Single-Phase, 60 Hz
Prewired Voltage..... 120V
Full-Load Current Rating..... 4.7A
Minimum Circuit Size..... 15A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 7 ft.
Power Cord Gauge..... 18 AWG
Plug Included..... Yes
Included Plug Type..... 5-15
Switch Type..... Toggle Safety Switch w/Removable Key

Motors

Main

Horsepower..... 1/2 HP
Phase..... Single-Phase
Amps..... 4.7A
Speed..... 1725 RPM
Type..... TEFC Capacitor-Start Induction
Power Transfer V-Belt Drive
Bearings..... Shielded & Permanently Lubricated

Main Specifications

Operation Information

Type.....	Radial
Swing.....	34 in.
Spindle Taper.....	JT#33
Spindle Travel.....	3-1/4 in.
Max. Distance From Spindle to Column.....	5-1/2 - 17 in.
Max. Distance From Spindle to Table.....	29-1/2 in.
Number of Spindle Speeds.....	5
Range of Spindle Speeds.....	550 - 3000 RPM
Max. Head Tilt (Left/Right).....	90 / 45 deg.
Max. Head Swivel.....	360 deg.
Drilling Capacity (Mild Steel).....	1/2 in.
Drill Chuck Type.....	JT33 Key Chuck
Drill Chuck Size.....	1/16 - 5/8 in.

Spindle Information

Distance From Spindle to Base.....	49-3/4 in.
Quill Diameter.....	1.575 in.

Table Information

Max. Table Tilt (Left/Right).....	90 deg.
Table Swing.....	360 deg.
Table Swivel Around Center.....	360 deg.
Table Swivel Around Column.....	360 deg.
Max. Movement of Work Table.....	24-1/2 in.
Table Diameter.....	12-3/16 in.
Table Thickness.....	1 in.
Vertical Table Travel.....	Crank Handle Operation
Number of T-Slots.....	6
T-Slot Size.....	5/8 in.
T-Slot Centers.....	3-1/4 in.
Floor-To-Table Height.....	22-1/2 - 47 in.

Construction

Table.....	Precision-Ground Cast Iron
Column.....	Steel
Spindle Housing.....	Cast Iron
Head.....	Cast Iron
Base.....	Cast Iron
Paint Type/Finish.....	Enamel

Other Related Information

Base Length.....	17-1/2 in.
Base Width.....	10-1/2 in.
Mobile Base.....	D2260A
Column Diameter.....	2.790 in.
Depth Stop Type.....	Hub
Has Work Light.....	No

Other

Country of Origin China
Warranty 2 Years
Approximate Assembly & Setup Time 30 Minutes
Serial Number Location ID Label on Head
ISO 9001 Factory Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL) Yes

Features

Threaded Depth Stop
Table Has Lock Levers
Cushioned Grip Quill Handles
Crank Handle Operated Rack and Pinion Vertical Table Movement
Table and Base are Cast Iron
5 Speeds
1/2HP Motor
Radial Design Allows Angle Drilling
1/16" - 5/8" Drill Chuck