

# 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