

# MACHINE SPECIFICATIONS



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## MODEL W1667 1/2 HP 8-1/2" BENCH-TOP OSCILLATING DRILL PRESS

### Product Dimensions

Weight..... 49 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 9 x 17 x 23 in.  
Footprint (Length x Width)..... 12-1/4 x 7-3/4 in.

### Shipping Dimensions

Type..... Cardboard Box  
Content..... Machine  
Weight..... 51 lbs.  
Length x Width x Height..... 15 x 19 x 10 in.

### Electrical

Power Requirement..... 110V, Single-Phase, 60 Hz  
Prewired Voltage..... 110V  
Full-Load Current Rating..... 5A  
Minimum Circuit Size..... 15A  
Connection Type..... Cord & Plug  
Power Cord Included..... Yes  
Power Cord Length..... 10 ft.  
Power Cord Gauge..... 18 AWG  
Plug Included..... Yes  
Included Plug Type..... 5-15  
Switch Type..... Paddle Safety Switch w/Removable Key

### Motors

#### Main

Horsepower..... 1/2 HP  
Phase..... Single-Phase  
Amps..... 5A  
Speed..... 1725 RPM  
Type..... TEFC Capacitor-Start Induction  
Power Transfer ..... V-Belt Drive  
Bearings..... Shielded & Permanently Lubricated  
Centrifugal Switch/Contacts Type..... N/A

## Main Specifications

### Operation Information

Type.....	Oscillating
Swing.....	8-1/2 in.
Spindle Taper.....	JT-33
Spindle Travel.....	1-5/8 in.
Max. Distance From Spindle to Column.....	4-5/16 in.
Max. Distance From Spindle to Table.....	8 in.
Number of Spindle Speeds.....	5
Range of Spindle Speeds.....	620 - 3100 RPM
Max. Head Swivel.....	360 deg.
Drilling Capacity (Mild Steel).....	1/2 in. in Steel
Drill Chuck Type.....	JT-33 Key Chuck
Drill Chuck Size.....	1/64 - 1/2 in.
Oscillating Stroke Length.....	1/2 in.

### Spindle Information

Distance From Spindle to Base.....	11 in.
Quill Diameter.....	1.50 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.....	10 in.
Table Length.....	7 in.
Table Width.....	7 in.
Table Thickness.....	3/4 in.
Vertical Table Travel.....	Crank Handle Operation
Number of T-Slots.....	4
T-Slot Size.....	5/8 in.
T-Slot Centers.....	3-7/8 in.
Floor-To-Table Height.....	5-5/16 - 11 in.

### Construction

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

### Other Related Information

Base Length.....	12-1/4 in.
Base Width.....	7-3/4 in.
Column Diameter.....	2 in.
Depth Stop Type.....	Threaded Rod with Positive Stop
Number of Dust Ports.....	1
Dust Port Size.....	2 in.
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) ..... No

**Features**

Oscillating Spindle  
Dust Collection Fitting  
Sanding Drum Shaft  
1/2HP Motor  
5 Speeds  
Cushioned Grip Quill Handles  
1/64"-1/2" Chuck