

# MACHINE SPECIFICATIONS



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## MODEL W1848 13-1/4" OSCILLATING FLOOR DRILL PRESS

### Product Dimensions

Weight..... 122 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 15 x 24 x 63 in.  
Footprint (Length x Width)..... 17-1/2 x 11 in.

### Shipping Dimensions

Type..... Cardboard Box  
Content..... Machine  
Weight..... 138 lbs.  
Length x Width x Height..... 58 x 22 x 11 in.  
Must Ship Upright..... Yes

### Electrical

Power Requirement..... 110V, Single-Phase, 60 Hz  
Full-Load Current Rating..... 9A  
Minimum Circuit Size..... 15A  
Connection Type..... Cord & Plug  
Power Cord Included..... Yes  
Power Cord Length..... 6 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..... 3/4 HP  
Phase..... Single-Phase  
Amps..... 9A  
Speed..... 1725 RPM  
Type..... TEFC Capacitor-Start Induction  
Power Transfer ..... V-Belt Drive  
Bearings..... Shielded & Permanently Lubricated  
Centrifugal Switch/Contacts Type..... Internal

## Main Specifications

### Operation Information

Type.....	Oscillating
Swing.....	13-1/4 in.
Spindle Taper.....	JT33
Spindle Travel.....	3-1/8 in.
Max. Distance From Spindle to Column.....	6-5/8 in.
Number of Spindle Speeds.....	12
Range of Spindle Speeds.....	250 - 3050 RPM
Max. Head Swivel.....	360 deg.
Drilling Capacity (Mild Steel).....	5/8 in.
Drill Chuck Type.....	JT33 Key Chuck
Drill Chuck Size.....	3/64 - 5/8 in.
Oscillating Stroke Length.....	3/4 in.

### Spindle Information

Quill Diameter.....	1.565 in.
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### Table Information

Max. Table Tilt (Left/Right).....	90 deg.
Table Swivel Around Center.....	360 deg.
Table Swivel Around Column.....	360 deg.
Max. Movement of Work Table.....	25-1/4 in.
Table Diameter.....	12-3/8 in.
Table Thickness.....	1 in.
Vertical Table Travel.....	Crank Handle Operation
Number of T-Slots.....	5
T-Slot Size.....	1/2 in.
T-Slot Centers.....	3 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

Depth Stop Type.....	Threaded Rod w/Positive Stop
Number of Dust Ports.....	1
Dust Port Size.....	2-1/4 in.
Has Work Light.....	No

### Other

Country of Origin .....	China
Warranty .....	2 Years
Approximate Assembly & Setup Time .....	30 Minutes
Serial Number Location .....	ID Label
ISO 9001 Factory .....	Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL) .....	No