

MACHINE SPECIFICATIONS



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MODEL W1668 13-1/4" OSCILLATING BENCHTOP DRILL PRESS

Product Dimensions

Weight..... 113 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 15 x 24 x 38 in.
Footprint (Length x Width)..... 17-1/2 x 11 in.

Shipping Dimensions

Carton #1

Type..... Cardboard Box
Content..... Machine
Weight..... 61 lbs.
Length x Width x Height..... 25 x 16 x 10-3/4 in.
Must Ship Upright..... No

Carton #2

Type..... Cardboard Box
Content..... Base
Weight..... 62 lbs.
Length x Width x Height..... 32 x 18-3/4 x 8-1/2 in.
Must Ship Upright..... No

Electrical

Power Requirement..... 110V, Single-Phase, 60 Hz
Prewired Voltage..... 110V
Full-Load Current Rating..... 9A
Minimum Circuit Size..... 15A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 9 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..... External

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.....	6-3/4 in.
Max. Distance From Spindle to Table.....	17-1/4 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. in Steel
Drill Chuck Type.....	JT33 Key Chuck
Drill Chuck Size.....	1 - 16 mm
Oscillating Stroke Length.....	3/4 in.

Spindle Information

Distance From Spindle to Base.....	24 in.
Quill Diameter.....	1.565 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.....	11-3/4 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.....	5/8 in.
T-Slot Centers.....	3 in.
Floor-To-Table Height.....	9-1/2 - 21-1/4 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.....	11 in.
Column Diameter.....	2.79 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

Includes Sanding Kit with 1", 1-1/2", & 2" Drums, Mandrel Washers, and 80 Grit Sanding Sleeves
Sanding Drum Shaft
Dust Collection Fitting
Oscillating Spindle
12 Speeds
3/4HP Motor
Cushioned Grip Quill Handles
1/64"-5/8" Chuck