

MACHINE SPECIFICATIONS



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MODEL W1731 MINI SHAPER

Product Dimensions

Weight..... 38 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 13 x 14 x 14 in.
Footprint (Length x Width)..... 11-1/4 x 6-3/4 in.

Shipping Dimensions

Type..... Cardboard Box
Content..... Machine
Weight..... 43 lbs.
Length x Width x Height..... 13 x 14 x 15 in.

Electrical

Power Requirement..... 110V, Single-Phase, 60 Hz
Prewired Voltage..... 110V
Full-Load Current Rating..... 4A
Minimum Circuit Size..... 15A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 5 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..... 4A
Speed..... 3450 RPM
Type..... Universal
Power Transfer Belt Drive
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... N/A

Main Specifications

Operation Info

Max. Cutter Height.....	1-9/16 in.
Max. Cutter Diameter.....	2-7/8 in.
Spindle Sizes.....	1/2 in.
Spindle Lengths.....	2 in.
Exposed Spindle Length.....	2 in.
Spindle Cap. Under the Nut.....	1-1/2 in.
Spindle Speeds.....	9500 RPM
Spindle Travel.....	9/16 in.
Spindle Openings.....	1-3/8, 3 in.

Table Info

Number of Table Inserts.....	1
Table Insert Sizes I.D.....	1-3/8 in.
Table Insert Sizes O.D.....	3 in.
Table Counterbore Diameter.....	3 in.
Table Counterbore Depth.....	1/2 in.
Table Size Length.....	11-13/16 in.
Table Size Width.....	9-13/16 in.
Table Size Thickness.....	1-1/8 in.
Floor to Table Height.....	8-13/16 in.
Table Fence Length.....	13-1/2 in.
Table Fence Width.....	1/4 in.
Table Fence Height.....	2-1/16 in.

Miter Gauge Info

Miter Angle.....	0 - 60 deg. L/R
Miter Gauge Slot Type.....	Straight Slot
Miter Gauge Slot Width.....	5/8 in.
Miter Gauge Slot Height.....	1/4 in.

Construction

Table.....	Precision-Ground Cast Iron
Body Assembly.....	Cast Iron
Fence.....	Cast Iron with Wood
Miter Gauge.....	Plastic
Guard.....	Plastic
Spindle Bearings.....	Sealed & Lubricated
Paint Type/Finish.....	Epoxy

Other

Number of Dust Ports.....	1
Dust Port Size.....	2-1/2 in.

Other

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

Features

- Independent Adjustable Split Fence
- Standard Miter Gauge
- Guard
- Accepts 1/4" Router Bits
- Accepts 1/2" Shaper Cutters