

MACHINE SPECIFICATIONS



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MODEL W1807 7-1/2 HP HEAVY DUTY SHAPER

Product Dimensions

Weight..... 1056 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 47-1/4 x 47-1/4 x 34-1/4 in.
Footprint (Length x Width)..... 33 x 29-1/2 in.

Shipping Dimensions

Type..... Wood Slat Crate
Content..... Machine
Weight..... 996 lbs.
Length x Width x Height..... 52 x 45 x 43 in.

Electrical

Power Requirement..... 220V or 440V, 3-Phase, 60 Hz
Prewired Voltage..... 220V
Full-Load Current Rating..... 20A at 220V, 10A at 440V
Minimum Circuit Size..... 30A at 220V, 15A at 440V
Connection Type..... Permanent (Hardwire to Shutoff Switch)
Switch Type..... Magnetic Switch w/Overload Protection
Voltage Conversion Kit..... X1807131

Motors

Main

Horsepower..... 7.5 HP
Phase..... 3-Phase
Amps..... 20A/10A
Speed..... 3450 RPM
Type..... TEFC Induction
Power Transfer Belt Drive
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... N/A

Main Specifications

Operation Info

Max. Cutter Height..... 6 in.
Max. Cutter Diameter..... 10 in.
Spindle Sizes..... 1-1/4 in.
Spindle Lengths..... 7 in.
Exposed Spindle Length..... 6-1/2 in.
Spindle Cap. Under the Nut..... 6 in.
Spindle Speeds..... 3900, 5000, 7200, 9400 RPM
Spindle Travel..... 6-5/8 in.
Spindle Tilt..... -5 - 45 deg.
Spindle Openings..... 2-3/4, 6, 9-3/4, 13-3/4 in.

Table Info

Number of Table Inserts.....	3
Table Insert Sizes I.D.....	2-3/4, 6, 9-3/4 in.
Table Insert Sizes O.D.....	6, 9-3/4, 13-3/4 in.
Table Counterbore Diameter.....	13-3/4 in.
Table Counterbore Depth.....	1/4 in.
Table Size Length.....	47-1/4 in.
Table Size Width.....	35-1/2 in.
Table Size Thickness.....	3-1/8 in.
Floor to Table Height.....	34-1/4 in.
Table Fence Length.....	42 in.
Table Fence Width.....	1-1/8 in.
Table Fence Height.....	5-3/4 in.

Miter Gauge Info

Miter Angle.....	0 - 60 deg. L/R
Miter Gauge Slot Type.....	T-Slot
Miter Gauge Slot Width.....	3/4 in.
Miter Gauge Slot Height.....	3/8 in.

Construction

Table.....	Precision-Ground Cast Iron
Body Assembly.....	Cast Iron
Cabinet.....	Formed Steel
Fence.....	Cast Iron with Wood
Miter Gauge.....	Cast Iron
Guard.....	Cast Iron
Spindle Bearings.....	Sealed & Lubricated
Paint Type/Finish.....	Powder Coated

Other

Number of Dust Ports.....	2
Dust Port Size.....	5 in.

Other

Country of Origin	Taiwan
Warranty	2 Years
Approximate Assembly & Setup Time	45 Minutes
Serial Number Location	ID Label on Stand
ISO 9001 Factory	No
Certified by a Nationally Recognized Testing Laboratory (NRTL)	No

Features

Tilting Spindle from -5 deg. to +45 deg.
Four Spring Steel Hold-Down Assemblies
Fence Adjustment Includes Built-in Ratchets and Knob Equipped Adjusters
Spindle Includes Spacers and Nuts
Spindle Height Scale in Inches and Millimeters
Two Wood Fence Pieces Included
Assorted Wrenches Includes
Front-Mounted Spindle Lock
Precise Dial Scale Indicated Spindle Tilt
14" Minimum Workpiece Length without Jig