

MACHINE SPECIFICATIONS



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MODEL W1859 8" X 76" PARALLELOGRAM JOINTER WITH MOBILE BASE

Product Dimensions

Weight..... 365 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 76 x 25 x 41-1/2 in.
Footprint (Length x Width)..... 40 x 16 in.

Shipping Dimensions

Type..... Wood Crate
Content..... Machine
Weight..... 470 lbs.
Length x Width x Height..... 85 x 26 x 43 in.
Must Ship Upright..... Yes

Electrical

Power Requirement..... 230V, Single-Phase, 60 Hz
Motor Size..... 3 HP
Full-Load Current Rating..... 12A
Minimum Circuit Size..... 20A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 6 ft.
Power Cord Gauge..... 14 AWG
Plug Included..... Yes
Included Plug Type..... 6-20
Switch Type..... Push Button Magnetic w/Large Shut-Off Paddle

Motors

Main

Horsepower..... 3 HP
Phase..... Single-Phase
Amps..... 12A
Speed..... 3450 RPM
Type..... TEFC Capacitor-Start Induction
Power Transfer Belt Drive
Bearings..... Sealed & Permanently Lubricated
Centrifugal Switch/Contacts Type..... External

Main Specifications

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Jointer Size.....	8 in.
Bevel Jointing.....	0 - 45 deg. L/R
Maximum Width of Cut.....	8 in.
Maximum Depth of Cut.....	1/8 in.
Minimum Workpiece Length.....	10 in.
Minimum Workpiece Thickness.....	1/2 in.
Maximum Rabbeting Depth.....	1/2 in.
Number of Cuts Per Minute.....	22,000

Fence Information

Fence Length.....	38 in.
Fence Width.....	1-1/4 in.
Fence Height.....	4-1/2 in.
Fence Stops.....	45, 90, 135 deg.

Cutterhead Information

Cutterhead Type.....	4 Knife
Cutterhead Diameter.....	3-1/16 in.
Cutterhead Speed.....	5500 RPM

Knife Information

Number of Knives.....	4
Knife Type.....	HSS, Single-Sided
Knife Length.....	8 in.
Knife Width.....	3/4 in.
Knife Thickness.....	1/8 in.
Knife Adjustment.....	Jack Screws or Springs

Table Information

Table Length.....	76 in.
Table Width.....	8 in.
Table Thickness.....	1-3/4 in.
Floor to Table Height.....	31-1/4 in.
Table Adjustment Type.....	Lever Action
Table Movement Type.....	Parallelogram

Construction

Body Assembly.....	Cast Iron
Cabinet.....	Sheet Metal
Fence Assembly.....	Precision-Ground Cast Iron
Guard.....	Die-Cast Aluminum
Table.....	Precision-Ground Cast Iron
Paint Type/Finish.....	Powder Coated

Other Information

Number of Dust Ports.....	1
Dust Port Size.....	4 in.
Mobile Base.....	Built-In

Other

Country of Origin Taiwan
Warranty 2 Years
Approximate Assembly & Setup Time 1 Hour
Serial Number Location Machine ID Label
ISO 9001 Factory Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL) Yes

Features

Parallelogram Table Adjustment
Lever-Adjusted Table with Depth Scale
Pedestal-Mounted Power Switch for Easy Access
Center-Mounted Fence with Rack-and-Pinion Adjustment
4" Dust Port with Built-In Dust Chute
4-Knife Cutterhead
Precision-Ground Cast-Iron Tables
Sturdy Cabinet Stand with Built-In Mobile Base
Rabbeting Table
Extra Long 40" Infeed Table
Sealed and Permanently Lubricated Bearings
Powder-Coated Finish

Accessories

Pair of Push Blocks
Knife-Setting Jig