

MACHINE SPECIFICATIONS



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MODEL W1877 13" PORTABLE PLANER WITH SPIRAL-STYLE CUTTERHEAD

Product Dimensions

Weight..... 84 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 30 x 34 x 20 in.
Footprint (Length x Width)..... 22 x 13-1/2 in.

Shipping Dimensions

Type..... Cardboard
Content..... Machine
Weight..... 88 lbs.
Length x Width x Height..... 27 x 16 x 24 in.
Must Ship Upright..... Yes

Electrical

Power Requirement..... 120V, Single-Phase, 60 Hz
Full-Load Current Rating..... 15A
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..... 5-15
Switch Type..... Paddle Safety Switch w/Removable Key

Motors

Main

Horsepower..... 2 HP
Phase..... Single-Phase
Amps..... 15A
Speed..... 20,000 RPM
Type..... Universal
Power Transfer Belt Drive
Bearings..... Shielded & Permanently Lubricated

Main Specifications

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Planer Size.....	13 in.
Max. Cut Width.....	13 in.
Min. Stock Length.....	8 in.
Min. Stock Thickness.....	1/8 in.
Max. Stock Thickness.....	6 in.
Number of Cuts Per Inch.....	32
Number of Cuts Per Minute.....	60,000 (effective)
Cutterhead Speed.....	10,000 RPM
Planing Feed Rate.....	26 FPM
Max. Cut Depth Planing Full Width.....	1/16 in.
Max. Cut Depth Planing 6-Inch Wide Board.....	1/8 in.

Cutterhead Info

Cutterhead Type.....	Spiral-Style
Cutterhead Diameter	2 in.
Number of Cutter Rows.....	6
Number of Indexable Cutters.....	26
Cutter Insert Type.....	Indexable Carbide
Cutter Insert Size Length.....	14mm
Cutter Insert Size Width.....	14mm
Cutter Insert Size Thickness.....	2mm

Table Info

Table/Headstock Movement.....	6 in.
Table Bed Size Length.....	9-1/4 in.
Table Bed Size Width.....	13 in.
Table Wings Size Length.....	12 in.
Table Wings Size Width.....	14 in.

Construction

Table.....	Stainless Steel
Body.....	Plastic
Cutterhead Assembly.....	Steel
Infeed Roller.....	Rubber
Outfeed Roller.....	Rubber
Paint Type/Finish.....	Urethane

Other

Table/Headstock Locks.....	Yes
Measurement Scale.....	Inch & Metric
Number of Dust Ports.....	1
Dust Port Size.....	4 in.

Other

Country of Origin	Taiwan
Warranty	2 Years
Approximate Assembly & Setup Time	15 Min.
Serial Number Location	Machine ID Label
Sound Rating	96 - 98 dB
ISO 9001 Factory	Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL)	Yes

Features

Spiral-Style Cutterhead with 26 Indexable HSS Inserts

Stepped Depth-of-Cut Gauge: 1/8" - 1-3/4"

Stock Thickness Scale: 0" - 6"

Built-In Dust Collection with 4" Dust Port & 2-1/2" Adapter

Enclosed Tool Storage

Stainless Steel Table with Folding Extensions