

# 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.....	HSS
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