

# MACHINE SPECIFICATIONS



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## MODEL W1842 13" PLANER/MOULDER

### Product Dimensions

Weight..... 217 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 23-1/2 x 23 x 44-1/2 in.  
Footprint (Length x Width)..... 22-1/2 x 21-1/2 in.

### Shipping Dimensions

Type..... Cardboard Box  
Content..... Machine  
Weight..... 236 lbs.  
Length x Width x Height..... 34 x 20 x 23 in.  
Must Ship Upright..... Yes

### Electrical

Power Requirement..... 110V or 220V, Single-Phase, 60 Hz  
Prewired Voltage..... 110V  
Full-Load Current Rating..... 15A at 110V, 7.5A at 220V  
Minimum Circuit Size..... 20A at 110V, 15A at 220V  
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 for 110V  
Recommended Plug Type..... 6-15 for 220V  
Switch Type..... ON/OFF Push Button Switch

### Motors

#### Main

Horsepower..... 1.5 HP  
Phase..... Single-Phase  
Amps..... 15A/7.5A  
Speed..... 3450 RPM  
Type..... TEFC Capacitor-Start Induction  
Power Transfer..... Belt Drive  
Bearings..... Shielded & Permanently Lubricated  
Centrifugal Switch/Contacts Type..... External

## Main Specifications

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Max. Cut Width.....	13 in.
Max. Cut Height.....	6 in.
Min. Stock Length.....	12 in.
Min. Stock Thickness.....	3/8 in.
Max. Stock Thickness.....	6 in.
Number of Cuts Per Inch.....	52, 104
Number of Cuts Per Minute.....	15,000
Cutterhead Speed.....	5000 RPM
Planing Feed Rate.....	24 FPM
Moulding Feed Rate.....	12 FPM
Max. Cut Depth Planing Full Width.....	1/16 in.
Max. Cut Depth Planing 6-Inch Wide Board.....	1/8 in.
Max. Profile Depth Moulding.....	3/4 in.
Max. Profile Width Moulding.....	4-9/16 in.

### Cutterhead Info

Cutterhead Type.....	3-Knife
Cutterhead Diameter .....	2-5/8 in.
Number of Knives.....	3
Knife Type.....	HSS, Single-Sided, Solid
Knife Size Length.....	13 in.
Knife Size Width.....	5/8 in.
Knife Size Thickness.....	1/8 in.
Knife Adjustment.....	Jack Screws

### Table Info

Table/Headstock Movement.....	6 in.
Table Bed Size Length.....	14-1/8 in.
Table Bed Size Width.....	17-3/4 in.
Table Bed Size Thickness.....	1-3/8 in.
Floor-to-Table Height.....	29 - 35 in.

### Construction

Table.....	Precision-Ground Cast Iron
Body.....	Cast Iron
Stand.....	Steel
Cutterhead Assembly.....	Steel
Infeed Roller.....	Rubber
Outfeed Roller.....	Rubber
Paint Type/Finish.....	Powder Coated

### Other

Measurement Scale.....	Inch & Metric
Number of Dust Ports.....	1
Dust Port Size.....	4 in.
Mobile Base.....	D2057A

**Other**

Country of Origin ..... Taiwan  
Warranty ..... 2 Years  
Approximate Assembly & Setup Time ..... 1-1/2 Hours  
Serial Number Location ..... ID Label on Front of Machine  
ISO 9001 Factory ..... Yes  
Certified by a Nationally Recognized Testing Laboratory (NRTL) ..... No

**Features**

- 3-Knife Cutterhead
- Twin V-Belt Drive
- Top-Mounted Handwheel Depth Adjustment
- Heavy-Duty Cabinet Stand
- Precision-Ground Cast-Iron Table
- White Powder-Coated Finish
- 2 Moulding Fences
- Easily Adjustable Guides
- Anti-Kickback Pawls and Chip Breaker Device
- Convenient Knife Changes
- 4" Dust Port
- Rubberized-Steel Feed Rollers
- 4-Column Table Support
- Inch and Metric Measuring Scale