

# MACHINE SPECIFICATIONS



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## MODEL W1873 15" 3 HP FIXED-TABLE PLANER

### Product Dimensions

Weight..... 300 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 25 x 49 x 47-1/2 in.  
Footprint (Length x Width)..... 21 x 18-1/2 in.

### Shipping Dimensions

Type..... Wood Crate  
Content..... Machine  
Weight..... 374 lbs.  
Length x Width x Height..... 30 x 24 x 49 in.  
Must Ship Upright..... Yes

### Electrical

Power Requirement..... 230V, Single-Phase, 60 Hz  
Full-Load Current Rating..... 12A  
Minimum Circuit Size..... 20A  
Connection Type..... Cord & Plug  
Power Cord Included..... Yes  
Power Cord Length..... 10 ft.  
Power Cord Gauge..... 12 AWG  
Plug Included..... Yes  
Included Plug Type..... 6-20  
Switch Type..... Magnetic Switch w/Thermal Overload Protection

### Motors

#### Main

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

## Main Specifications

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Planer Size.....	15 in.
Max. Cut Width.....	15 in.
Min. Stock Length.....	6 in.
Min. Stock Thickness.....	3/16 in.
Max. Stock Thickness.....	6 in.
Number of Cuts Per Inch.....	81, 46
Number of Cuts Per Minute.....	15,600
Cutterhead Speed.....	5200 RPM
Planing Feed Rate.....	16, 28 FPM
Max. Cut Depth Planing Full Width.....	1/8 in.
Max. Cut Depth Planing 6-Inch Wide Board.....	3/16 in.

### Cutterhead Info

Cutterhead Type.....	Straight Knife
Cutterhead Diameter .....	2-5/8 in.
Number of Knives.....	3
Knife Type.....	HSS, Single-Sided, Solid
Knife Size Length.....	15 in.
Knife Size Width.....	1 in.
Knife Size Thickness.....	1/8 in.
Knife Adjustment.....	Jack Screws

### Table Info

Table/Headstock Movement.....	6 in.
Table Bed Size Length.....	21 in.
Table Bed Size Width.....	15 in.
Floor-to-Table Height.....	30-3/4 in.
Table Wings Size Length.....	14 in.
Table Wings Size Width.....	15-1/2 in.

### Construction

Table.....	Precision-Ground Cast Iron
Body.....	Cast Iron
Stand.....	Steel
Cutterhead Assembly.....	Steel
Infeed Roller.....	Serrated Aluminum
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.....	D4666

**Other**

Country of Origin .....	Taiwan
Warranty .....	2 Years
Approximate Assembly & Setup Time .....	30 Min.
Serial Number Location .....	Machine ID Label
Sound Rating .....	82-84 dB
ISO 9001 Factory .....	Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL) .....	Yes

**Features**

- Large Top-Mounted Handwheel
- Cabinet-Style Stand
- Internally Mounted 3HP Motor
- Poly-V Belt Drive
- Magnetic Switch
- Four Heavy-Duty Headstock Support Columns
- Anti-Kickback Fingers
- Drive Gears Run in Oil Bath
- Cast-Iron Extension Table Wings
- Included Knife-Setting Jig
- Elevation Scale with Both Inch and Metric
- Powder-Coated Finish