

# MACHINE SPECIFICATIONS



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## MODEL W1812 2 HP 7" PLANER / MOULDER WITH STAND

### Product Dimensions

Weight..... 310 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 22 x 36-1/2 x 34-1/2 in.  
Footprint (Length x Width)..... 21 x 19 in.

### Shipping Dimensions

#### Carton #1

Type..... Cardboard  
Content..... Machine  
Weight..... 192 lbs.  
Length x Width x Height..... 41 x 20 x 23 in.

#### Carton #2

Type..... Cardboard  
Content..... Stand  
Weight..... 158 lbs.  
Length x Width x Height..... 23 x 22 x 31 in.

### Electrical

Power Requirement..... 230V, Single-Phase, 60 Hz  
Full-Load Current Rating..... 12A  
Minimum Circuit Size..... 15A  
Connection Type..... Cord & Plug  
Power Cord Included..... Yes  
Power Cord Length..... 6 ft.  
Power Cord Gauge..... 14 AWG  
Plug Included..... Yes  
Included Plug Type..... 6-15  
Switch Type..... Magnetic Switch w/Thermal Overload Protection

### Motors

#### Main

Horsepower..... 2 HP  
Phase..... Single-Phase  
Amps..... 10.8A  
Speed..... 3450 RPM  
Type..... TEFC Capacitor Start Induction  
Power Transfer ..... Belt  
Bearings..... Shielded and Lubricated

## Feed Rollers

|                      |                         |
|----------------------|-------------------------|
| Horsepower.....      | 1/8 HP                  |
| Phase.....           | Single-Phase            |
| Amps.....            | 1.2A                    |
| Speed.....           | 0 - 55 RPM              |
| Type.....            | DC Universal            |
| Power Transfer ..... | Chain                   |
| Bearings.....        | Shielded and Lubricated |

## Main Specifications

### Main Specifications

|                                        |           |
|----------------------------------------|-----------|
| Max. Cut Width.....                    | 7 in.     |
| Max. Cut Height.....                   | 7-1/2 in. |
| Min. Stock Length.....                 | 9 in.     |
| Min. Stock Thickness.....              | 1/2 in.   |
| Number of Cuts Per Inch.....           | 64 - 300  |
| Number of Cuts Per Minute.....         | 14,000    |
| Cutterhead Speed.....                  | 7000 RPM  |
| Max. Cut Depth Planing Full Width..... | 1/8 in.   |
| Max. Profile Depth Moulding.....       | 3/4 in.   |
| Max. Profile Width Moulding.....       | 6-3/4 in. |

### Cutterhead Info

|                           |           |
|---------------------------|-----------|
| Cutterhead Type.....      | Square    |
| Cutterhead Diameter ..... | 1-1/4 in. |
| Number of Knives.....     | 2         |
| Knife Type.....           | HSS       |
| Knife Size Length.....    | 7-1/8 in. |
| Knife Size Width.....     | 1-1/2 in. |
| Knife Size Thickness..... | 1/4 in.   |

### Table Info

|                               |            |
|-------------------------------|------------|
| Table Bed Size Length.....    | 14-1/8 in. |
| Table Bed Size Width.....     | 10 in.     |
| Table Bed Size Thickness..... | 7/16 in.   |
| Floor-to-Table Height.....    | 30-3/8 in. |
| Table Wings Size Length.....  | 11 in.     |
| Table Wings Size Width.....   | 8-9/16 in. |

### Construction

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

### Other

|                           |        |
|---------------------------|--------|
| Measurement Scale.....    | Inches |
| Number of Dust Ports..... | 1      |
| Dust Port Size.....       | 4 in.  |

## Other

Country of Origin ..... Taiwan  
Warranty ..... 2 Year  
Approximate Assembly & Setup Time ..... 45 Minutes  
Serial Number Location ..... Machine ID Label  
ISO 9001 Factory ..... Yes  
Certified by a Nationally Recognized Testing Laboratory (NRTL) ..... Yes

## Features

Heavy-Duty Cast Iron Handwheel with Inch Measurement Scale for Cutterhead Housing Lift  
Precision-Ground Cast Iron Infeed and Outfeed Extension Wings  
Dovetailed Way for Cutterhead Housing with Precision Gib Adjustments  
Pedestal-Mounted Control Switch with Variable Speed Control