

# MACHINE SPECIFICATIONS



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## MODEL W1860 8" X 76" PARALLELOGRAM JOINTER W/ HELICAL CUTTERHEAD & MOBILE BASE

### Product Dimensions

Weight..... 365 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 76 x 25 x 41-1/2 in.  
Footprint (Length x Width)..... 40 x 16 in.

### Shipping Dimensions

Type..... Wood Crate  
Content..... Machine  
Weight..... 470 lbs.  
Length x Width x Height..... 85 x 26 x 43 in.  
Must Ship Upright..... Yes

### Electrical

Power Requirement..... 230V, Single-Phase, 60 Hz  
Motor Size..... 3 HP  
Full-Load Current Rating..... 12A  
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..... 6-20  
Switch Type..... Push Button Magnetic w/Large Shut-Off Paddle

### Motors

#### Main

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

## Main Specifications

### Main Specifications

|                                  |                 |
|----------------------------------|-----------------|
| Jointer Size.....                | 8 in.           |
| Bevel Jointing.....              | 0 - 45 deg. L/R |
| Maximum Width of Cut.....        | 8 in.           |
| Maximum Depth of Cut.....        | 1/8 in.         |
| Minimum Workpiece Length.....    | 10 in.          |
| Minimum Workpiece Thickness..... | 1/2 in.         |
| Maximum Rabbeting Depth.....     | 1/2 in.         |
| Number of Cuts Per Minute.....   | 22,000          |

### Fence Information

|                   |                  |
|-------------------|------------------|
| Fence Length..... | 38 in.           |
| Fence Width.....  | 1-1/4 in.        |
| Fence Height..... | 4-1/2 in.        |
| Fence Stops.....  | 45, 90, 135 deg. |

### Cutterhead Information

|                                  |            |
|----------------------------------|------------|
| Cutterhead Type.....             | Helical    |
| Cutterhead Diameter.....         | 3-1/16 in. |
| Number of Cutter Rows.....       | 4          |
| Number of Indexable Cutters..... | 36         |
| Cutterhead Speed.....            | 5500 RPM   |

### Cutter Insert Information

|                              |                   |
|------------------------------|-------------------|
| Cutter Insert Type.....      | Indexable Carbide |
| Cutter Insert Length.....    | 15 mm             |
| Cutter Insert Width.....     | 15 mm             |
| Cutter Insert Thickness..... | 2.5 mm            |

### Table Information

|                            |               |
|----------------------------|---------------|
| Table Length.....          | 76 in.        |
| Table Width.....           | 8 in.         |
| Table Thickness.....       | 1-3/4 in.     |
| Floor to Table Height..... | 31-1/4 in.    |
| Table Adjustment Type..... | Lever Action  |
| Table Movement Type.....   | Parallelogram |

### Construction

|                        |                            |
|------------------------|----------------------------|
| Body Assembly.....     | Cast Iron                  |
| Cabinet.....           | Sheet Metal                |
| Fence Assembly.....    | Precision-Ground Cast Iron |
| Guard.....             | Die-Cast Aluminum          |
| Table.....             | Precision-Ground Cast Iron |
| Paint Type/Finish..... | Powder Coated              |

### Other Information

|                           |          |
|---------------------------|----------|
| Number of Dust Ports..... | 1        |
| Dust Port Size.....       | 4 in.    |
| Mobile Base.....          | Built-In |

**Other**

|                                                                      |                  |
|----------------------------------------------------------------------|------------------|
| Country of Origin .....                                              | Taiwan           |
| Warranty .....                                                       | 2 Years          |
| Approximate Assembly & Setup Time .....                              | 1 Hour           |
| Serial Number Location .....                                         | Machine ID Label |
| ISO 9001 Factory .....                                               | Yes              |
| Certified by a Nationally Recognized Testing Laboratory (NRTL) ..... | Yes              |

**Features**

- Parallelogram Table Adjustment
- Lever-Adjusted Tables with Depth Gauge
- Pedestal-Mounted Power Switch for Easy Access
- Center-Mounted Fence with Rack-and-Pinion Adjustment
- 4" Dust Port with Built-In Dust Chute
- Helical Cutterhead with 36 Indexable Carbide Inserts
- Precision-Ground Cast-Iron Tables
- Sturdy Cabinet Stand with Built-In Mobile Base
- Rabbeting Table
- Extra Long 40" Infeed Table
- Sealed and Permanently Lubricated Bearings
- Powder-Coated Finish

**Accessories**

- Pair of Push Blocks
- 5 Replacement Indexable Carbide Inserts