

# MACHINE SPECIFICATIONS



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## MODEL W1744H 12" HEAVY-DUTY JOINTER WITH ADJUSTABLE BEDS AND HELICAL CUTTERHEAD

### Product Dimensions

Weight..... 884 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 84 x 33 x 43-1/2 in.  
Footprint (Length x Width)..... 44-1/2 x 18 in.

### Shipping Dimensions

Type..... Wood Crate  
Content..... Machine  
Weight..... 970 lbs.  
Length x Width x Height..... 89 x 29 x 41 in.

### Electrical

Power Requirement..... 230V, 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..... 12 AWG  
Plug Included..... Yes  
Included Plug Type..... 6-20  
Switch Type..... Magnetic Switch w/Overload Protection

### Motors

#### Main

Horsepower..... 3 HP  
Phase..... Single-Phase  
Amps..... 15A  
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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Bevel Jointing..... 0 - 45 deg. L/R  
Maximum Width of Cut..... 12 in.  
Maximum Depth of Cut..... 1/8 in.  
Minimum Workpiece Length..... 14 in.  
Minimum Workpiece Thickness..... 1/2 in.  
Number of Cuts Per Minute..... 39,600

**Fence Information**

Fence Length.....	46-3/4 in.
Fence Width.....	1-1/2 in.
Fence Height.....	5-3/8 in.
Fence Stops.....	45, 90, 135 deg.

**Cutterhead Information**

Cutterhead Type.....	Helical
Cutterhead Diameter.....	3-7/8 in.
Number of Cutter Rows.....	8
Number of Indexable Cutters.....	96
Cutterhead Speed.....	4950 RPM

**Cutter Insert Information**

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

**Table Information**

Table Length.....	83-1/2 in.
Table Width.....	12-3/4 in.
Table Thickness.....	1-7/8 - 3-1/4 in.
Floor to Table Height.....	31-5/8 in.
Table Adjustment Type.....	Handwheel
Table Movement Type.....	Parallelogram

**Construction**

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

**Other Information**

Number of Dust Ports.....	1
Dust Port Size.....	4 in.

**Other**

Country of Origin .....	China
Warranty .....	2 Years
Approximate Assembly & Setup Time .....	45 Minutes
Serial Number Location .....	ID Label
Certified by a Nationally Recognized Testing Laboratory (NRTL) .....	Yes

**Features**

- 5-3/8" Tall Fence
- Helical Cutterhead with 96 Indexable Carbide Inserts
- 3 HP Motor
- Easy-to-Reach Pedestal-Mounted Control Panel
- Parallelogram Table Design Allows for Full Adjustability and Calibration
- Sturdy Cabinet Stand
- Handwheel Controlled Table Movement

**Accessories**

- 2 Push Blocks
- 2 Torx T-20 L-Wrenches and Bits
- 5 Replacement Cutterhead Inserts
- 3 Flat Head M6-1 x 15 Torx Screws