

# MACHINE SPECIFICATIONS



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## MODEL ST1011 8" JOINTER WITH MOBILE BASE

### Product Dimensions:

Weight ..... 508 lbs.  
Length x Width x Height ..... 76-1/2 x 23-1/2 x 33 in.  
Footprint (Length x Width) ..... 44-1/2 x 16-1/2 in.

### Shipping Dimensions:

#### Carton #1

Type ..... Wood Crate  
Content ..... Machine  
Weight ..... 388 lbs.  
Length x Width x Height ..... 81 x 24 x 11 in.

#### Carton#2

Type ..... Cardboard Box  
Content ..... Stand  
Weight ..... 157 lbs.  
Length x Width x Height ..... 38 x 20 x 28 in.

### Electrical:

Power Requirement ..... 240V, 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 ..... ON/OFF Push Button Switch w/Large Shut-Off Paddle

### Motor:

Type ..... TEFC Capacitor-Start Induction  
Horsepower ..... 3 HP  
Phase ..... Single-Phase  
Amps ..... 15A  
Speed ..... 3450 RPM  
Power Transfer ..... Belt Drive  
Bearings ..... Sealed & Permanently Lubricated

**Main Specifications:**

**Operation**

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.
Number of Cuts Per Minute.....	21,400

**Fence Information**

Fence Length.....	36 in.
Fence Width.....	1-1/4 in.
Fence Height.....	5 in.
Fence Stops.....	45, 90, 135 deg.

**Cutterhead Information**

Cutterhead Type.....	Spiral
Cutterhead Diameter.....	3-3/8 in.
Number of Cutter Spirals.....	4
Number of Indexable Cutters.....	40
Cutterhead Speed.....	5350 RPM

**Cutter Insert Information**

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

**Table Information**

Table Length.....	76-3/8 in.
Table Width.....	8 in.
Table Thickness.....	1-1/2 in.
Floor-to-Table Height.....	32-5/8 in.
Table Adjustment Type.....	Lever-Action
Table Movement Type.....	Parallelogram

**Construction**

Body Assembly.....	Cast Iron
Cabinet.....	Pre-Formed Steel
Fence Assembly.....	Cast Iron
Guard.....	Die Cast Metal
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 ..... China  
Warranty ..... 2 Years  
Approximate Assembly & Setup Time ..... 2 Hours  
Serial Number Location ..... ID Label  
ISO 9001 Factory ..... No  
Certified by a Nationally Recognized Testing Laboratory (NRTL) ..... No

**Features**

3 HP Motor  
Spiral Cutterhead with German-Made Indexable Carbide Inserts  
Built-In Mobile Base  
Easy-to-Reach Pedestal-Mounted Control Panel  
Parallelogram Table Design Allows for Full Adjustability and Calibration  
5" Tall Fence  
Sturdy Cabinet Stand