



# MACHINE DATA SHEET

Customer Service #: (570) 546-9663 · To Order Call: (800) 523-4777 · Fax #: (800) 438-5901

## MODEL G0856 8" DOVETAIL JOINTER WITH SPIRAL CUTTERHEAD & MOBILE BASE

### Product Dimensions:

Weight..... 335 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 72-1/2 x 25-1/2 x 42 in.  
Footprint (Length x Width)..... 23-1/2 x 17 in.

### Shipping Dimensions:

#### Carton #1

Type..... Wood Crate  
Content..... Machine  
Weight..... 373 lbs.  
Length x Width x Height..... 74 x 25 x 15 in.  
Must Ship Upright..... Yes

#### Carton #2

Type..... Cardboard Box  
Content..... Stand  
Weight..... 115 lbs.  
Length x Width x Height..... 26 x 18 x 27 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:**

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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.....	4-5/8 in.
Fence Stops.....	45, 90, 135 deg.

**Cutterhead Information**

Cutterhead Type.....	Spiral
Cutterhead Diameter.....	3-1/16 in.
Number of Cutter Spirals.....	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.....	72 in.
Table Width.....	9 in.
Table Thickness.....	1-3/4 in.
Floor to Table Height.....	32 in.
Table Adjustment Type.....	Handwheels
Table Movement Type.....	Dovetailed Ways

**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 Specifications:**

Country of Origin .....	Taiwan
Warranty .....	1 Year
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:**

- Beds Slide on Dovetailed Ways
- Handwheel-Adjusted Tables with Depth Gauge
- Pedestal-Mounted Power Switch for Easy Access
- Center-Mounted Fence
- 4" Dust Port with Built-In Dust Chute
- Spiral Cutterhead with 36 Indexable Carbide Inserts
- Precision-Ground Cast-Iron Tables
- Sturdy Cabinet Stand with Built-In Mobile Base
- Rabbeting Table
- 72" Bed
- Sealed and Permanently Lubricated Bearings
- Powder-Coated Finish

**Accessories Included:**

- Pair of Push Blocks
- 5 Replacement Indexable Carbide Inserts