



# MACHINE DATA SHEET

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

## MODEL G9860ZX 12" Z SERIES JOINTER W/ SPIRAL CUTTERHEAD

### Product Dimensions:

Weight..... 1200 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 80 x 34-1/16 x 40-1/2 in.  
Footprint (Length x Width)..... 41 x 20 in.

### Shipping Dimensions:

Type..... Wood Crate  
Content..... Machine  
Weight..... 1241 lbs.  
Length x Width x Height..... 28 x 84 x 38 in.  
Must Ship Upright..... Yes

### Electrical:

Power Requirement..... 220V, Single-Phase, 60 Hz  
Prewired Voltage..... 220V  
Full-Load Current Rating..... 16A  
Minimum Circuit Size..... 20A  
Connection Type..... Cord & Plug  
Power Cord Included..... Yes  
Power Cord Length..... 4 ft.  
Power Cord Gauge..... 12 AWG  
Plug Included..... No  
Recommended Plug Type..... 6-20  
Switch Type..... Control Panel w/Magnetic Switch Protection

### Motors:

#### Main

Horsepower..... 3 HP  
Phase..... Single-Phase  
Amps..... 16A  
Speed..... 3450 RPM  
Type..... TEFC Capacitor-Start Induction  
Power Transfer ..... Twin V-Belt Drive  
Bearings..... Shielded & Permanently Lubricated  
Centrifugal Switch/Contacts Type..... External

### Main Specifications:

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Jointer Size..... 12 in.  
Bevel Jointing..... 0 – 45 deg. L/R  
Maximum Width of Cut..... 11-13/16 in.  
Maximum Depth of Cut..... 5/16 in.  
Minimum Workpiece Length..... 14 in.  
Minimum Workpiece Thickness..... 1/2 in.  
Number of Cuts Per Minute..... 35,400

**Fence Information**

Fence Length..... 39-1/4 in.  
Fence Width..... 1-1/2 in.  
Fence Height..... 4-3/4 in.  
Fence Stops..... 45, 90, 135 deg.

**Cutterhead Information**

Cutterhead Type..... Spiral  
Cutterhead Diameter..... 4 in.  
Number of Cutter Spirals..... 6  
Number of Indexable Cutters..... 84  
Cutterhead Speed..... 5900 RPM

**Cutter Insert Information**

Cutter Insert Type..... Indexable Carbide  
Cutter Insert Length..... 14 mm  
Cutter Insert Width..... 14 mm  
Cutter Insert Thickness..... 2 mm

**Table Information**

Table Length..... 80 in.  
Table Width..... 12-1/2 in.  
Table Thickness..... 2-1/2 in.  
Floor to Table Height..... 30-1/4 in.  
Table Adjustment Type..... Handwheels  
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..... Epoxy

**Other Information**

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

**Other Specifications:**

Country of Origin ..... Taiwan  
Warranty ..... 1 Year  
Approximate Assembly & Setup Time ..... 30 Minutes  
Serial Number Location ..... ID Label on Front of Base  
ISO 9001 Factory ..... Yes  
Certified by a Nationally Recognized Testing Laboratory (NRTL) ..... No

**Features:**

- Parallelogram Table Adjustment
- Independently Adjustable, Precision Handwheel-Controlled Tables
- Pedestal-Mounted Switch for Easy Access
- Center-Mounted Fence
- Fence Stops at 45 and 90 Degrees
- Twin V-Belt Drive
- Pair of Push Blocks Included
- 4" Dust Port
- Spiral Cutterhead with 84 Indexable Carbide Inserts
- Precision-Ground Cast-Iron Tables
- Green and Putty Enamel Paint
- Solid Cabinet Stand with Noise Dampening System
- Stress-Relieved Infeed and Outfeed Tables
- Cam Adjustments on Infeed Table