



# 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.  
Length/Width/Height..... 80 x 34-1/16 x 40-1/2 in.  
Foot Print (Length/Width)..... 41 x 20 in.

### Shipping Dimensions:

Type..... Wood Crate  
Content..... Machine  
Weight..... 1241 lbs.  
Length/Width/Height..... 28 x 84 x 38 in.

### Electrical:

Switch..... Magnetic with Thermal Overload Protector  
Switch Voltage..... 220V  
Cord Length..... 4 ft.  
Cord Gauge..... 12 gauge  
Minimum Circuit Size..... 20 amp  
Plug Included..... No  
Recommended Plug/Outlet Type..... 6-20

### Motors:

#### Main

Type..... TEFC Capacitor Start Induction  
Horsepower..... 3 HP  
Voltage..... 220V  
Phase..... Single  
Amps..... 16A  
Speed..... 3450 RPM  
Cycle..... 60 Hz  
Number Of Speeds..... 1  
Power Transfer ..... Twin V-Belt  
Bearings..... Shielded and Permanently Lubricated

### Main Specifications:

#### Fence Information

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

#### Cutting Capacities

Bevel Jointing..... 90-45 deg.  
Maximum Width of Cut..... 11-13/16 in.  
Maximum Depth of Cut..... 5/16 in.  
Number of Cuts Per Minute..... 35,400 (Effective)

**Cutterhead Information**

|                                  |                           |
|----------------------------------|---------------------------|
| Cutterhead Type.....             | Spiral                    |
| Cutterhead Diameter.....         | 4 in.                     |
| Number of Cutter Spirals.....    | 6                         |
| Number of Indexable Cutters..... | 84                        |
| Cutter Insert Type.....          | 30 deg. Indexable Carbide |
| Cutter Insert Length.....        | 14 mm                     |
| Cutter Insert Width.....         | 14 mm                     |
| Cutter Insert Thickness.....     | 2 mm                      |
| Cutterhead Speed.....            | 5900 RPM                  |

**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 |

**Construction**

|                                  |                            |
|----------------------------------|----------------------------|
| Body Assembly Construction.....  | Cast Iron                  |
| Cabinet Construction.....        | Cast Iron                  |
| Fence Assembly Construction..... | Precision Ground Cast Iron |
| Guard Construction.....          | Cast Aluminum              |
| Table Construction.....          | Precision Ground Cast Iron |
| Parallelogram.....               | Yes                        |
| Paint.....                       | Epoxy                      |

**Other Information**

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

**Other Specifications:**

|                              |                                   |
|------------------------------|-----------------------------------|
| ISO Factory .....            | ISO 9001                          |
| Country Of Origin .....      | Taiwan                            |
| Warranty .....               | 1 Year                            |
| Serial Number Location ..... | Machine ID Label on Front of Base |
| Assembly Time .....          | 30 minutes                        |

**Features:**

- Free Pair of Safety Push Blocks
- Independently Adjustable, Handwheel Precision Table Movement
- Noise Dampening System
- Pedestal Mounted ON/OFF Switch