



# MACHINE DATA SHEET

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

## MODEL G9981 5 HP OVERARM ROUTER 2 SPEED, 3-PHASE

### Product Dimensions:

Weight..... 900 lbs  
Width (side-to-side) x Depth (front-to-back) x Height..... 30 x 50-3/8 x 61-1/2 in.  
Footprint (Length x Width)..... 24 x 39-1/2 in.

### Shipping Dimensions:

Type..... Wood Slat Crate  
Content..... Machine  
Weight..... 915 lbs.  
Length x Width x Height..... 34 x 55 x 68 in.

### Electrical:

Minimum Circuit Size..... 20 amp  
Switch..... Push On/Off Switch  
Switch Voltage..... 220V  
Plug Included..... No  
Recommended Phase Converter..... G5845

### Motors:

#### Main

Type..... TEFC Induction  
Horsepower..... 5 HP  
Voltage..... 220V  
Prewired..... 220V  
Phase..... Three  
Amps..... 25A  
Speed..... 3450 RPM  
Cycle..... 60 Hz  
Number of Speeds..... 1  
Power Transfer ..... Flat Belt  
Bearings..... Shielded and Lubricated

### Main Specifications:

#### Operation Information

No Of Spindle Speeds..... 2  
Range Of Spindle Speeds..... 10000, 20000 RPM  
Spindle Stroke..... 4 in.  
Max Dist Spindle To Table..... 9-1/2 in.  
Head Stroke..... 4 in.  
Swing..... 51 in.  
Throat Clearance..... 25-1/2 in.  
Table Tilt..... 45 deg.  
Table Travel..... 6-1/4 in.  
Air Requirements..... Minimum 88 PSI

**Table Information**

Table Size Length.....	30 in.
Table Size Width.....	23-5/8 in.
Table Size Thickness.....	2-1/4 in.
Floor To Table Height.....	36-1/2 - 42-3/4 in.
Overall Width With Out Fence.....	30 in.

**Construction Materials**

Table.....	Ground Cast Iron
Fence.....	Cast Iron
Body.....	Cast Iron
Base.....	Pre-Formed Steel
Spindle Bearings.....	Shielded and Lubricated
Paint.....	Epoxy

**Other**

Fence Length.....	33-1/2 in.
Pneumatic Cylinder Size.....	1-3/16 in.

**Other Specifications:**

Country Of Origin .....	Taiwan
Warranty .....	1 Year
Serial Number Location .....	ID Label on Front Door Above Spindle
Assembly Time .....	45 minutes

**Features:**

- 1/2" and 1/4" Collet
- 3/8" Plunge Router Bit with 1/2" Shank
- Air Jet Keeps Cutter Clear
- Built-In Pressure Regulator and Lubricator
- Clear Plastic Guard
- Complete Tool Kit
- Convenient Hand Brake for Fast Cycle Times
- Foot Control Allows Hands Free Operation
- Large Handwheel for Smooth Operation
- Pneumatic Driven Head
- Removable Cast Iron Fence for In-Line Routing
- Six Adjustable Depth Stops
- Table Tilt Locks with Two Positive Stops
- Table Travels on Dovetailed Ways

**Accessories Included:**

- 1/2" Collet
- 1/4" Collet
- 1/4", 3/8", & 1/2" Table Pins for Pin Routing
- 13/11mm Wrench
- 17/19mm Wrench
- 26mm Wrench
- 3/8" Plunge Router Bit with 1/2" Shank
- 3/8" Straight Carbide Tipped Plunge Router Bit
- 36mm Open Wrench
- Adjustment Wrenches
- Hex Key Wrench Set
- Tool Box