



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.
Must Ship Upright..... Yes

Electrical:

Power Requirement..... 220V, 3-Phase, 60 Hz
Prewired Voltage..... 220V
Full-Load Current Rating..... 25A
Minimum Circuit Size..... 30A
Connection Type..... Cord & Plug
Power Cord Included..... No
Recommended Power Cord..... "S"-Type, 4-Wire, 10 AWG, 300 VAC
Recommended Plug Type..... L15-30
Switch Type..... ON/OFF Push Button Switch
Recommended Phase Converter..... G5845

Motors:

Main

Horsepower..... 5 HP
Phase..... 3-Phase
Amps..... 25A
Speed..... 3450 RPM
Type..... TEFC Induction
Power Transfer Flat-Belt Drive
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... N/A

Main Specifications:

Operation Information

Number of Spindle Speeds..... 2
Range of Spindle Speeds..... 10000, 20000 RPM
Spindle Stroke..... 4 in.
Max. Distance 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 Without 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 Type/Finish.....	Epoxy

Other

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

Other Specifications:

Country of Origin	Taiwan
Warranty	1 Year
Approximate Assembly & Setup Time	45 Minutes
Serial Number Location	ID Label on Front Door Above Spindle
ISO 9001 Factory	No
Certified by a Nationally Recognized Testing Laboratory (NRTL)	No

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