



# MACHINE DATA SHEET

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

## MODEL G9961 24" 10 HP 3-PHASE INDUSTRIAL PLANER W/ SPIRAL CUTTERHEAD

### Product Dimensions:

Weight..... 1940 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 36 x 42-3/8 x 58 in.  
Footprint (Length x Width)..... 40-1/2 x 30 in.

### Shipping Dimensions:

Type..... Wood Crate  
Content..... Machine  
Weight..... 1980 lbs.  
Length x Width x Height..... 40 x 47 x 47 in.  
Must Ship Upright..... Yes

### Electrical:

Power Requirement..... 220V or 440V, 3-Phase, 60 Hz  
Prewired Voltage..... 220V  
Full-Load Current Rating..... 28.5A at 220V, 14.8A at 440V  
Minimum Circuit Size..... 40A at 220V, 20A at 440V  
Connection Type..... Cord at 220V, Permanent at 440V  
Switch Type..... Control Panel w/Magnetic Switch Protection  
Recommended Phase Converter..... H3741

### Motors:

#### Main

Horsepower..... 10 HP  
Phase..... 3-Phase  
Amps..... 25A/13A  
Speed..... 3450 RPM  
Type..... TEFC Induction  
Power Transfer ..... Belt Drive  
Bearings..... Shielded & Permanently Lubricated

#### Table Elevation

Horsepower..... 1/2 HP  
Phase..... 3-Phase  
Amps..... 2A/1A  
Speed..... 1725 RPM  
Type..... TEFC Induction  
Power Transfer ..... Chain Drive  
Bearings..... Shielded & Permanently Lubricated

#### Feed

Horsepower..... 1 HP  
Phase..... 3-Phase  
Amps..... 3.5A/1.8A  
Speed..... 1145 RPM  
Type..... TEFC Induction  
Power Transfer ..... Chain Drive  
Bearings..... Shielded & Permanently Lubricated

**Main Specifications:**

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|   |             |
|---|-------------|
| Planer Size.....                              | 24 in.      |
| Max. Cut Width.....                           | 24 in.      |
| Max. Cut Height.....                          | 9 in.       |
| Min. Stock Length.....                        | 10-1/2 in.  |
| Min. Stock Thickness.....                     | 1/4 in.     |
| Max. Stock Thickness.....                     | 9 in.       |
| Number of Cuts Per Inch.....                  | 84 – 42     |
| Number of Cuts Per Minute.....                | 30,000      |
| Cutterhead Speed.....                         | 5000 RPM    |
| Planing Feed Rate.....                        | 20 – 40 FPM |
| Max. Cut Depth Planing Full Width.....        | 1/16 in.    |
| Max. Cut Depth Planing 6-Inch Wide Board..... | 3/16 in.    |

**Cutterhead Info**

|                                  |           |
|----------------------------------|-----------|
| Cutterhead Type.....             | Spiral    |
| Cutterhead Diameter .....        | 4-5/8 in. |
| Number of Cutter Rows.....       | 6         |
| Number of Indexable Cutters..... | 160       |

**Cutter Insert Information**

|                                   |                           |
|-----------------------------------|---------------------------|
| Cutter Insert Type.....           | 30 deg. Indexable Carbide |
| Cutter Insert Size Length.....    | 14 mm                     |
| Cutter Insert Size Width.....     | 14 mm                     |
| Cutter Insert Size Thickness..... | 2 mm                      |

**Table Info**

|                               |             |
|-------------------------------|-------------|
| Table/Headstock Movement..... | 1/4 – 9 in. |
| Table Bed Size Length.....    | 24 in.      |
| Table Bed Size Width.....     | 35-1/2 in.  |
| Table Bed Size Thickness..... | 6 in.       |
| Number of Bed Rollers.....    | 2           |
| Floor-to-Table Height.....    | 24 – 33 in. |

**Construction**

|                          |                            |
|--------------------------|----------------------------|
| Table.....               | Precision-Ground Cast Iron |
| Body.....                | Cast Iron                  |
| Cutterhead Assembly..... | Steel                      |
| Infeed Roller.....       | Segmented Steel            |
| Outfeed Roller.....      | Smooth Steel               |
| Paint Type/Finish.....   | Powder Coated              |

**Other**

|                            |               |
|----------------------------|---------------|
| Table/Headstock Locks..... | Yes           |
| Measurement Scale.....     | Inch & Metric |
| Number of Dust Ports.....  | 1             |
| Dust Port Size.....        | 5 in.         |

**Other Specifications:**

|   |                            |
|---|----------------------------|
| Country of Origin .....                 | Taiwan                     |
| Warranty .....                          | 1 Year                     |
| Approximate Assembly & Setup Time ..... | 15 Minutes                 |
| Serial Number Location .....            | ID Label on Top of Machine |
| ISO 9001 Factory .....                  | Yes                        |

**Features:**

- Spiral Cutterhead with 162 Indexable Carbide Inserts
- Twin-V Belt Drive (Main), Chain Drive (Feed & Elevation)
- Table Height Adjustment Buttons & Micro-Adjust Handwheel
- Inch and Metric Measuring Scale
- Convenient Control Panel with Magnetic Switch Protection
- Precision-Ground Cast-Iron Bed
- Durable Powder-Coat Finish
- Segmented Chip Breaker and Feed Rollers
- Bed Rollers
- Variable Feed Speed
- Table Height Lock
- 5" Dust Port