



# MACHINE DATA SHEET

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

## MODEL G9740Z 20" PLANER W/ 7-1/2 HP 3-PHASE MOTOR & SPIRAL CUTTERHEAD

### Product Dimensions:

Weight..... 1650 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 42-3/8 x 36 x 52 in.  
Footprint (Length x Width)..... 38 x 28 in.

### Shipping Dimensions:

Type..... Wood Crate  
Content..... Machine  
Weight..... 1780 lbs.  
Length x Width x Height..... 40 x 43 x 48 in.

### Electrical:

Minimum Circuit Size..... 30 amp at 220V, 15 amp at 440V  
Switch..... Magnetic  
Switch Voltage..... 220V  
Cord Length..... 4 ft.  
Cord Gauge..... 10 gauge  
Plug Included..... No  
Recommended Phase Converter..... G7979

### Motors:

#### Table Lift

Type..... TEFC Induction  
Horsepower..... 1/2 HP  
Voltage..... 220V  
Prewired..... 220V  
Phase..... Three  
Amps..... 2A  
Speed..... 1725 RPM  
Cycle..... 60 Hz  
Number of Speeds..... 1  
Power Transfer ..... Chain Drive  
Bearings..... Shielded and Lubricated

#### Feed

Type..... TEFC Induction  
Horsepower..... 1 HP  
Voltage..... 220V  
Prewired..... 220V  
Phase..... Three  
Amps..... 4A  
Speed..... 1145 RPM  
Cycle..... 60 Hz  
Number of Speeds..... 1  
Power Transfer ..... Chain Drive  
Bearings..... Shielded and Lubricated

**Cutterhead**

Type..... TEFC Induction  
Horsepower..... 7-1/2 HP  
Voltage..... 220/440V  
Prewired..... 220V  
Phase..... Three  
Amps..... 20A  
Speed..... 3450 RPM  
Cycle..... 60 Hz  
Number of Speeds..... 1  
Power Transfer ..... Belt Drive  
Bearings..... Shielded and Lubricated

**Main Specifications:**

**Operation Info**

Max. Cut Width..... 20 in.  
Max. Cut Height..... 9 in.  
Min. Stock Length..... 10-1/2 in.  
Min. Stock Thickness..... 1/4 in.  
Max. Stock Thickness..... 9 in.  
No. of Cuts Per Inch..... 42 - 84  
No. of Cuts Per Minute..... 20000  
Cutterhead Speed..... 5000 RPM  
Planing Feed Rate..... 20 - 40 FPM  
Max. Cut Depth Planing Full Width..... 3/16 in.  
Max. Cut Depth Planing 6 Inch Wide Board..... 3/16 in.

**Cutterhead Info**

Cutterhead Type..... Spiral  
Cutterhead Dia..... 4-5/8 in.  
No. of Cutter Spirals..... 6  
No. of Indexable Cutters..... 144  
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 Movement..... 1/4 - 9 in.  
Table Bed Size Length..... 24 in.  
Table Bed Size Width..... 35-1/2 in.  
Table Bed Size Thickness..... 5 in.  
No. of Bed Rollers..... 2  
Floor To Table Height..... 24 - 33 in.

**Construction**

Table..... Precision Ground Cast Iron  
Body..... Cast Iron  
Cutterhead Assembly..... One Piece Machined Steel Shaft with Shielded Ball Bearings  
Infeed Roller..... Segmented Steel  
Outfeed Roller..... Polished Steel  
Paint..... Epoxy

**Other**

Table Locks..... One Positive  
Measurement Scale..... Inch and Metric  
No. of Dust Ports..... 1  
Dust Port Size..... 5 in.

**Other Specifications:**

ISO Factory ..... ISO 9001  
Country Of Origin ..... Taiwan  
Warranty ..... 1 Year  
Serial Number Location ..... ID Label on Top of Machine  
Assembly Time ..... 15 minutes

**Features:**

Table Height Display  
Micro Adjustment of Table Height  
Segmented Chip Breaker  
Variable Speed Feed  
Convenient Control Panel