



# MACHINE DATA SHEET

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

## MODEL G0454Z 20" 5 HP PLANER W/ SPIRAL CUTTERHEAD

### Product Dimensions:

Weight..... 783 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 39 x 55-5/8 x 45-7/8 in.  
Footprint (Length x Width)..... 29-1/2 x 23-1/2 in.

### Shipping Dimensions:

Type..... Wood Crate  
Content..... Machine  
Weight..... 932 lbs.  
Length x Width x Height..... 43 x 30 x 48 in.  
Must Ship Upright..... Yes

### Electrical:

Power Requirement..... 240V, Single-Phase, 60 Hz  
Prewired Voltage..... 240V  
Full-Load Current Rating..... 25A  
Minimum Circuit Size..... 30A  
Connection Type..... Cord & Plug  
Power Cord Included..... Yes  
Power Cord Length..... 6-1/2 ft.  
Power Cord Gauge..... 12 AWG  
Plug Included..... Yes  
Included Plug Type..... L6-30  
Switch Type..... Button Controls w/Magnetic Switch Protection

### Motors:

#### Main

Horsepower..... 5 HP  
Phase..... Single-Phase  
Amps..... 19A  
Speed..... 3450 RPM  
Type..... TEFC Capacitor-Start Induction  
Power Transfer ..... Triple V-Belt Drive  
Bearings..... Sealed & Permanently Lubricated  
Centrifugal Switch/Contacts Type..... External

### Main Specifications:

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Planer Size..... 20 in.  
Max. Cut Width..... 20 in.  
Min. Stock Length..... 8 in.  
Min. Stock Thickness..... 3/16 in.  
Max. Stock Thickness..... 8 in.  
Number of Cuts Per Inch..... 104, 83  
Number of Cuts Per Minute..... 20,000  
Cutterhead Speed..... 4800 RPM  
Planing Feed Rate..... 16, 20 FPM  
Max. Cut Depth Planing Full Width..... 1/16 in.  
Max. Cut Depth Planing 6-Inch Wide Board..... 1/8 in.

**Cutterhead Info**

Cutterhead Type..... Spiral  
Cutterhead Diameter ..... 3-1/8 in.  
Number of Cutter Rows..... 4  
Number of Indexable Cutters..... 98

**Cutter Insert Information**

Cutter Insert Type..... 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..... 8 in.  
Table Bed Size Length..... 25-3/4 in.  
Table Bed Size Width..... 20 in.  
Table Bed Size Thickness..... 1-3/4 in.  
Number of Bed Rollers..... 2  
Floor-to-Table Height..... 26-1/2 – 34-1/2 in.  
Roller Ext. Table Size Length..... 55-1/2 in.  
Roller Ext. Table Size Width..... 20 in.  
Roller Ext. Table Size Thickness..... 1-3/4 in.

**Construction**

Table..... Precision-Ground Cast Iron  
Body..... Cast Iron  
Stand..... Steel  
Cutterhead Assembly..... Steel  
Infeed Roller..... Serrated Steel  
Outfeed Roller..... Rubber-Coated  
Paint Type/Finish..... Powder-Coated

**Other**

Table/Headstock Locks..... Yes  
Measurement Scale..... Inch & Metric  
Number of Dust Ports..... 1  
Dust Port Size..... 5 in.  
Mobile Base..... Built-In  
Gear Box..... 2 Speed

**Other Specifications:**

Country of Origin ..... China  
Warranty ..... 1 Year  
Approximate Assembly & Setup Time ..... 1 Hour  
Serial Number Location ..... ID Label Top of Headstock  
ISO 9001 Factory ..... No  
Certified by a Nationally Recognized Testing Laboratory (NRTL) ..... Yes

**Features:**

- Spiral Cutterhead with 98 German-Made Indexable Carbide Inserts
- Triple-V Belt Drive
- Board Return Rollers
- Heavy-Duty Cast-Iron Handwheel Depth Adjustment
- Inch and Metric Measuring Scale
- Magnetic Switch
- Precision-Ground Cast-Iron Table & Cast-Iron Extension Wings
- Green and Putty Powder Coated Paint
- Chip Breaker and Pressure Bar
- Two Adjustable Bed Rollers
- Two-Speed Automatic Board Feed
- Four Column Support with Two Positive Table Locks
- 5" Dust Port
- Built-In, Easy-to-Use Mobile Base