



# MACHINE DATA SHEET

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

## MODEL G0453Z 15" 3 HP PLANER WITH SPIRAL CUTTERHEAD

### Product Dimensions:

Weight..... 655 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 32-1/2 x 42 x 45-7/8 in.  
Footprint (Length x Width)..... 22-1/2 x 22 in.

### Shipping Dimensions:

Type..... Wood Crate  
Content..... Machine  
Weight..... 672 lbs.  
Length x Width x Height..... 36 x 29 x 47 in.  
Must Ship Upright..... Yes

### Electrical:

Power Requirement..... 240V, Single-Phase, 60 Hz  
Prewired Voltage..... 240V  
Full-Load Current Rating..... 15A  
Minimum Circuit Size..... 20A  
Connection Type..... Cord & Plug  
Power Cord Included..... Yes  
Power Cord Length..... 5 ft.  
Power Cord Gauge..... 12 AWG  
Plug Included..... No  
Recommended Plug Type..... 6-20  
Switch Type..... Button Controls w/Magnetic Switch Protection

### Motors:

#### Main

Horsepower..... 3 HP  
Phase..... Single-Phase  
Amps..... 15A  
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.....	15 in.
Max. Cut Width.....	15 in.
Min. Stock Length.....	8 in.
Min. Stock Thickness.....	3/16 in.
Max. Stock Thickness.....	8 in.
Number of Cuts Per Inch.....	104, 56
Number of Cuts Per Minute.....	20,000
Cutterhead Speed.....	4800 RPM
Planing Feed Rate.....	16, 30 FPM
Max. Cut Depth Planing Full Width.....	3/32 in.
Max. Cut Depth Planing 6-Inch Wide Board.....	1/8 in.

**Cutterhead Info**

Cutterhead Type.....	Spiral
Cutterhead Diameter .....	3 in.
Number of Cutter Rows.....	4
Number of Indexable Cutters.....	74
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.....	20 in.
Table Bed Size Width.....	15 in.
Table Bed Size Thickness.....	1-3/4 in.
Number of Bed Rollers.....	2
Floor-to-Table Height.....	27 – 35 in.
Roller Ext. Table Size Length.....	42 in.
Roller Ext. Table Size Width.....	15 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.....	4 in.
Mobile Base.....	Built-In

**Other Specifications:**

Country of Origin .....	China
Warranty .....	1 Year
Approximate Assembly & Setup Time .....	30 Minutes
Serial Number Location .....	ID Label on Upper Cover
ISO 9001 Factory .....	No
Certified by a Nationally Recognized Testing Laboratory (NRTL) .....	Yes

**Features:**

- Spiral Cutterhead with 74 German-Made Indexable Carbide Inserts
- Triple-V Belt Drive
- Board Return Rollers
- Heavy-Duty Cast-Iron Handwheel Depth Adjustment
- Inch and Metric Measuring Scale
- Pedestal-Mounted 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
- 4" Dust Port
- Built-In, Easy-to-Use Mobile Base