



# MACHINE DATA SHEET

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

## MODEL G0454Z 20" PLANER W/ SPIRAL CUTTERHEAD

### Product Dimensions:

Weight..... 771 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)..... 23-1/2 x 19-1/2 in.

### Shipping Dimensions:

Type..... Crate  
Content..... Machine  
Weight..... 932 lbs.  
Length x Width x Height..... 29-1/4 x 43 x 46-1/4 in.

### Electrical:

Minimum Circuit Size..... 30 amp  
Switch..... Magnetic with Thermal Overload Protector  
Switch Voltage..... 220V  
Cord Length..... 6-1/2 ft.  
Cord Gauge..... 12 gauge  
Plug Included..... No  
Recommended Plug/Outlet Type..... L6-30

### Motors:

#### Main

Type..... TEFC Capacitor Start Induction  
Horsepower..... 5 HP  
Voltage..... 220V  
Phase..... Single  
Amps..... 25A  
Speed..... 3450 RPM  
Cycle..... 60 Hz  
Number of Speeds..... 1  
Power Transfer ..... Triple V-Belt Drive  
Bearings..... Sealed and Lubricated

### Main Specifications:

#### Operation Info

Max. Cut Width..... 20 in.  
Min. Stock Length..... 8 in.  
Min. Stock Thickness..... 3/16 in.  
Max. Stock Thickness..... 8 in.  
No. of Cuts Per Inch..... 104, 83  
No. of Cuts Per Minute..... 20,000  
Cutterhead Speed..... 5000 RPM  
Planing Feed Rate..... 16, 20 FPM  
Max. Cut Depth Planing Full Width..... 1/8 in.  
Max. Cut Depth Planing 6 Inch Wide Board..... 1/8 in.

**Cutterhead Info**

Cutterhead Type.....	Spiral
Cutterhead Dia.....	3-1/8 in.
No. of Cutter Spirals.....	4
No. of Indexable Cutters.....	98
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 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.
No. 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.....	Formed Steel
Cutterhead Assembly.....	Steel
Infeed Roller.....	Solid Serrated Steel
Outfeed Roller.....	Solid Serrated Steel
Paint.....	Powder Coated

**Other**

Table Locks.....	Two Positive
Measurement Scale.....	Inch and Metric
No. 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
Serial Number Location .....	Top of Machine
Customer Assembly & Setup Time .....	1 hr.

**Features:**

- Spiral Cutterhead with German-Made Indexable Carbide Inserts
- Built-In Mobile Base
- Two Positive Table Locks
- 5" Dust Port
- Inch & Metric Measurement Scale
- Adjustable Bed Rollers
- Chip Breaker & Pressure Bar
- Board Return Rollers