



# MACHINE DATA SHEET

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

## MODEL G5850Z 20" 5 HP PROFESSIONAL PLANER

### Product Dimensions:

Weight..... 940 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 38 x 40-1/2 x 42-1/4 in.  
Footprint (Length x Width)..... 26-1/2 x 24-1/2 in.

### Shipping Dimensions:

Type..... Wood Crate  
Content..... Machine  
Weight..... 1010 lbs.  
Length x Width x Height..... 41 x 43 x 45 in.  
Must Ship Upright..... Yes

### Electrical:

Power Requirement..... 220V, Single-Phase, 60 Hz  
Prewired Voltage..... 220V  
Full-Load Current Rating..... 37A  
Minimum Circuit Size..... 50A  
Connection Type..... Permanent (Hardwire to Shutoff Switch)  
Switch Type..... Control Panel w/Magnetic Switch Protection

### Motors:

#### Main

Horsepower..... 5 HP  
Phase..... Single-Phase  
Amps..... 25A  
Speed..... 3450 RPM  
Type..... TEFC Capacitor-Start Induction  
Power Transfer ..... Twin V-Belt Drive  
Bearings..... Shielded & Permanently Lubricated  
Centrifugal Switch/Contacts Type..... External

#### Feed

Horsepower..... 2 HP  
Phase..... Single-Phase  
Amps..... 12A  
Speed..... 3450 RPM  
Type..... TEFC Capacitor-Start Induction  
Power Transfer ..... Belt Drive w/Variable-Speed Pulley  
Bearings..... Shielded & 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.....	1/4 in.
Max. Stock Thickness.....	7 in.
Number of Cuts Per Inch.....	66 - 101
Number of Cuts Per Minute.....	20,800
Cutterhead Speed.....	5200 RPM
Planing Feed Rate.....	17 – 26 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.....	4 Knife
Cutterhead Diameter .....	3-1/8 in.
Number of Knives.....	4
Knife Type.....	HSS, Single-Sided, Solid
Knife Size Length.....	20 in.
Knife Size Width.....	1 in.
Knife Size Thickness.....	1/8 in.
Knife Adjustment.....	Jack Screws

**Table Info**

Table/Headstock Movement.....	8 in.
Table Bed Size Length.....	21-1/4 in.
Table Bed Size Width.....	28-1/4 in.
Table Bed Size Thickness.....	3 in.
Number of Bed Rollers.....	2
Floor-to-Table Height.....	22-1/2 – 30 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.
Mobile Base.....	D2058A

**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 .....	No
Certified by a Nationally Recognized Testing Laboratory (NRTL) .....	No

**Features:**

- 4-Knife Cutterhead
- Twin-V Belt Drive (Main), Belt Drive w/Variable Speed Pulley (Feed)
- Board Return Rollers
- Handwheel Depth Adjustment
- Inch and Metric Measuring Scale
- Convenient Control Panel with Magnetic Switch Protection
- Precision-Ground Cast-Iron Bed
- Green Powder Coated Paint
- Segmented Chip Breaker & Infeed Roller
- Lever-Adjustable Bed Rollers
- Variable Feed Speed
- Grease Fittings on Cutterhead
- 5" Dust Port
- Heavy-Duty Cast-Iron Construction Throughout
- Dust Covers Protect Vertical Support Columns and Leadscrews