



# MACHINE DATA SHEET

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

## MODEL G5850Z 20" PROFESSIONAL PLANER W/ 5 HP SINGLE-PHASE MOTOR

### Product Dimensions:

Weight..... 940 lbs.  
Length/Width/Height..... 38 x 40-1/2 x 42-1/4 in.  
Foot Print (Length/Width)..... 26-1/2 x 24-1/2 in.

### Shipping Dimensions:

Type..... Wood Crate  
Content..... Machine  
Weight..... 1010 lbs.  
Length/Width/Height..... 41 x 43 x 45 in.

### Electrical:

Switch..... Magnetic with Thermal Overload Protector  
Switch Voltage..... 220V  
Cord Length..... 7 ft.  
Cord Gauge..... 10 gauge  
Minimum Circuit Size..... 30 amp  
Plug Included..... No

### Motors:

#### Main

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

#### Feed

Type..... TEFC Capacitor Start Induction  
Horsepower..... 2 HP  
Voltage..... 220V  
Prewired..... 220V  
Phase..... Single  
Amps..... 12A  
Speed..... 3450 RPM  
Cycle..... 60 Hz  
Number Of Speeds..... 1  
Power Transfer ..... Variable Split Pulley System  
Bearings..... Shielded and Lubricated

**Main Specifications:**

**Operation Info**

Max. Cut Width.....	20 in.
Min. Stock Length.....	8 in.
Min. Stock Thickness.....	1/4 in.
Max. Stock Thickness.....	8 in.
No. Of Cuts Per Inch.....	67 - 102
No. 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 Dia.....	3-1/8 in.
No. Of Knives.....	4
Knife Type.....	HSS
Knife Size Length.....	20 in.
Knife Size Width.....	1 in.
Knife Size Thickness.....	1/8 in.
Knife Adjustment.....	Gibs and Jack Screws

**Table Info**

Table 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.
No. Of Bed Rollers.....	2
Floor To Table Height.....	22-1/2 - 30 in.

**Construction**

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

**Other**

Table Locks.....	Two Positive
Measurement Scale.....	Inch and Metric
No. Of Dust Ports.....	1
Dust Port Size.....	5 in.
Mobile Base.....	G7315Z

**Other Specifications:**

Country Of Origin .....	Taiwan
Warranty .....	1 Year
Serial Number Location .....	Machine Data Plate on Top of Machine
Assembly Time .....	15 minutes

**Features:**

- Segmented Chip Breaker
- Variable Feed Speed
- Lever Adjustable Bed Rollers
- 5" Dust Port
- Precision Ground Cast Iron Bed
- Cutterhead Ball Bearings Include Grease Fittings
- Heavy Duty Cast Iron Construction Throughout
- Board Return Rollers
- Dust Covers Protect Vertical Support Columns and Leadscrews
- Handwheel Depth Adjustment