



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.
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.

Electrical:

Minimum Circuit Size..... 30 amp
Switch..... Magnetic with Thermal Overload Protector
Switch Voltage..... 220V
Cord Length..... 7 ft.
Cord Gauge..... 10 gauge
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.....	Precision Ground Cast Iron
Body.....	Cast Iron
Cutterhead Assembly.....	One Piece Machined Shaft
Infeed Roller.....	Segmented Steel
Outfeed Roller.....	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