



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