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

The information contained herein is deemed accurate as of 4/17/2024 and represents our most recent product specifications. Due to our ongoing improvement efforts, this information may not accurately describe items previously purchased.

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