



MACHINE DATA SHEET

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

MODEL G1021X 15" EXTREME SERIES SPIRAL CUTTERHEAD PLANER

Product Dimensions:

Weight..... 530 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 32 x 48 x 43-1/2 in.
Footprint (Length x Width)..... 21-1/2 x 21 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 581 lbs.
Length x Width x Height..... 30 x 46 x 27 in.

Electrical:

Power Requirement..... 220V, Single-Phase, 60 Hz
Prewired Voltage..... 220V
Full-Load Current Rating..... 18A
Minimum Circuit Size..... 20A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 10 ft.
Power Cord Gauge..... 12 AWG
Plug Included..... No
Switch Type..... Magnetic Switch w/Thermal Overload Protection

Motors:

Main

Horsepower..... 3 HP
Phase..... Single-Phase
Amps..... 18A
Speed..... 3450 RPM
Type..... TEFC Capacitor-Start Induction
Power Transfer Triple V-Belt Drive
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... External

Main Specifications:

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Max. Cut Width..... 14-7/8 in.
Max. Cut Height..... 6-1/8 in.
Min. Stock Length..... 6-1/2 in.
Min. Stock Thickness..... 1/4 in.
Max. Stock Thickness..... 6-1/8 in.
Number of Cuts Per Inch..... 83, 104
Number of Cuts Per Minute..... 20,000
Cutterhead Speed..... 5000 RPM
Planing Feed Rate..... 16, 20 FPM
Max. Cut Depth Planing Full Width..... 3/32 in.
Max. Cut Depth Planing 6-Inch Wide Board..... 1/8 in.

Cutterhead Info

Cutterhead Type.....	Spiral
Cutterhead Diameter	3-1/16 in.
Number of Cutter Rows.....	4
Number of Indexable Cutters.....	68
Cutter Insert Type.....	30 deg. Indexable Carbide
Cutter Insert Size Length.....	14 mm
Cutter Insert Size Width.....	14 mm
Cutter Insert Size Thickness.....	2 mm

Table Info

Table/Headstock Movement.....	6-1/4 in.
Table Bed Size Length.....	19-7/8 in.
Table Bed Size Width.....	15 in.
Table Bed Size Thickness.....	2 in.
Number of Bed Rollers.....	2
Floor-to-Table Height.....	28-1/2 – 34-1/2 in.
Roller Ext. Table Size Length.....	14 in.
Roller Ext. Table Size Width.....	15-5/8 in.

Construction

Table.....	Precision-Ground Cast Iron
Body.....	Cast Iron
Stand.....	Steel
Cutterhead Assembly.....	Steel
Infeed Roller.....	Serrated 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.....	4 in.
Mobile Base.....	D2057A

Other Specifications:

Country of Origin	China
Warranty	1 Year
Approximate Assembly & Setup Time	30 Minutes
Serial Number Location	ID Label on Upper Cover
ISO 9001 Factory	Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL)	No

Features:

- Extra-Large Ball Bearing Return Rollers
- Large Side-Mounted Handwheel
- Cabinet Style Stand
- Four Heavy-Duty Support Columns
- Dual Tables Locks Prevents Movement While Planing
- Elevation Scale is Both Inch and Metric
- Drive Gears Run in Oil Bath
- Anti-Kickback Fingers Prevent Board from Backing Up