



MACHINE DATA SHEET

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

MODEL G1033X 20" 5 HP HELICAL CUTTERHEAD PLANER

Product Dimensions:

Weight..... 705 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 39 x 56 x 41 in.
Footprint (Length x Width)..... 22 x 28 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 811 lbs.
Length x Width x Height..... 45 x 30 x 46 in.
Must Ship Upright..... Yes

Electrical:

Power Requirement..... 220V, Single-Phase, 60 Hz
Prewired Voltage..... 220V
Full-Load Current Rating..... 23A
Minimum Circuit Size..... 30A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 10 ft.
Power Cord Gauge..... 12 AWG
Plug Included..... Yes
Included Plug Type..... NEMA L6-30
Switch Type..... Button Controls w/Magnetic Switch Protection

Motors:

Main

Horsepower..... 5 HP
Phase..... Single-Phase
Amps..... 23A
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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Planer Size..... 20 in.
Max. Cut Width..... 20 in.
Min. Stock Length..... 7 in.
Min. Stock Thickness..... 1/4 in.
Max. Stock Thickness..... 8 in.
Number of Cuts Per Inch..... 104, 83
Number of Cuts Per Minute..... 20,000
Cutterhead Speed..... 5000 RPM
Planing Feed Rate..... 16, 28 FPM
Max. Cut Depth Planing Full Width..... 5/64 in.
Max. Cut Depth Planing 6-Inch Wide Board..... 1/8

Cutterhead Info

Cutterhead Type.....	Helical
Cutterhead Diameter	3-1/4 in.
Number of Cutter Rows.....	4
Number of Indexable Cutters.....	92
Cutter Insert Type.....	30 deg. Indexable Carbide
Cutter Insert Size Length.....	15 mm
Cutter Insert Size Width.....	15 mm
Cutter Insert Size Thickness.....	2-1/2 mm

Table Info

Table/Headstock Movement.....	8 in.
Table Bed Size Length.....	56 in.
Table Bed Size Width.....	20 in.
Table Bed Size Thickness.....	2-1/4 in.
Number of Bed Rollers.....	2
Floor-to-Table Height.....	26 – 34 in.

Construction

Table.....	Precision-Ground Cast Iron
Body.....	Cast Iron
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.....	5 in.
Mobile Base.....	D2058A

Other Specifications:

Country of Origin	Taiwan
Warranty	1 Year
Approximate Assembly & Setup Time	2 Hours
Serial Number Location	ID Label
ISO 9001 Factory	Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL)	Yes

Features:

- Extra-Large Ball Bearing Return Rollers
- Cabinet-Style Stand
- Internally Mounted 5 HP Motor
- Pedestal-Mounted Control Panel with Magnetic Switch and Overload Protection
- All Ball Bearing Construction
- 4 Heavy-Duty Support Columns
- Anti-Kickback Fingers
- Drive Gears Run in Oil Bath
- Triple Belt Drive Inside Housing
- Heavy-Duty Cast Iron Extension Wings
- Helical Cutterhead with Indexable Carbide Inserts
- Inch & Metric Measurement Scale
- Two Adjustable Bed Rollers
- Two Speed Automatic Feed