



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 Information

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