



# 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..... 875 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..... 909 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..... 28A  
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) .....	No

**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