



MACHINE DATA SHEET

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

MODEL G0453P 15" 3 HP 220V PLANER, POLAR BEAR SERIES

Product Dimensions:

Weight..... 655 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 32-1/2 x 42 x 45-7/8 in.
Footprint (Length x Width)..... 22-1/2 x 22 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 675 lbs.
Length x Width x Height..... 36 x 29 x 48 in.

Electrical:

Power Requirement..... 240V, Single-Phase, 60 Hz
Prewired Voltage..... 240V
Full-Load Current Rating..... 15A
Minimum Circuit Size..... 20A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 5 ft.
Power Cord Gauge..... 12 AWG
Plug Included..... No
Included Plug Type..... 6-20
Switch Type..... Button Controls w/Magnetic Switch Protection

Motors:

Main

Horsepower..... 3 HP
Phase..... Single-Phase
Amps..... 15A
Speed..... 3450 RPM
Type..... TEFC Capacitor-Start Induction, 240V
Power Transfer Triple V-Belt Drive
Bearings..... Sealed & Permanently Lubricated
Centrifugal Switch/Contacts Type..... External

Main Specifications:

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Planer Size..... 15 in.
Max. Cut Width..... 15 in.
Min. Stock Length..... 8 in.
Min. Stock Thickness..... 3/16 in.
Max. Stock Thickness..... 8 in.
Number of Cuts Per Inch..... 63, 42
Number of Cuts Per Minute..... 15,000
Cutterhead Speed..... 4800 RPM
Planing Feed Rate..... 16, 30 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.....	3 Knife
Cutterhead Diameter	3 in.
Number of Knives.....	3
Knife Type.....	HSS, Single-Sided, Solid
Knife Size Length.....	15 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.....	20 in.
Table Bed Size Width.....	15 in.
Table Bed Size Thickness.....	1-3/4 in.
Number of Bed Rollers.....	2
Floor-to-Table Height.....	27 – 35 in.
Roller Ext. Table Size Length.....	42 in.
Roller Ext. Table Size Width.....	15 in.
Roller Ext. Table Size Thickness.....	1-3/4 in.

Construction

Table.....	Precision-Ground Cast Iron
Body.....	Cast Iron
Stand.....	Steel
Cutterhead Assembly.....	Steel
Infeed Roller.....	Serrated Steel
Outfeed Roller.....	Knurled
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.....	Built-In

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	No
Certified by a Nationally Recognized Testing Laboratory (NRTL)	Yes

Features:

- 3-Knife Cutterhead
- Triple-V Belt Drive
- Board Return Rollers
- Heavy-Duty Cast-Iron Handwheel Depth Adjustment
- Inch and Metric Measuring Scale
- Pedestal-Mounted Switch
- Precision-Ground Cast-Iron Table & Cast-Iron Extension Wings
- White Powder Coated Paint
- Chip Breaker and Pressure Bar
- Two Adjustable Bed Rollers
- Two-Speed Automatic Board Feed
- Four Column Support with Two Positive Table Locks
- 4" Dust Port
- Built-In, Easy-to-Use Mobile Base
- Knife Setting Jig Included