



MACHINE DATA SHEET

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

MODEL G0453Z 15" 3 HP PLANER WITH SPIRAL CUTTERHEAD

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..... 672 lbs.
Length x Width x Height..... 36 x 29 x 47 in.
Must Ship Upright..... Yes

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
Recommended 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
Power Transfer Triple V-Belt Drive
Bearings..... Sealed & Permanently Lubricated
Centrifugal Switch/Contacts Type..... External

Main Specifications:

Main Specifications

| | |
|---|------------|
| 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..... | 104, 56 |
| Number of Cuts Per Minute..... | 20,000 |
| 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..... | Spiral |
| Cutterhead Diameter | 3 in. |
| Number of Cutter Rows..... | 4 |
| Number of Indexable Cutters..... | 74 |
| Cutter Insert Type..... | 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..... | 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

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|--------------------------|----------------------------|
| Table..... | Precision-Ground Cast Iron |
| Body..... | Cast Iron |
| Stand..... | Steel |
| Cutterhead Assembly..... | Steel |
| Infeed Roller..... | Serrated Steel |
| Outfeed Roller..... | Rubber-Coated |
| 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:

- Spiral Cutterhead with 74 German-Made Indexable Carbide Inserts
- 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
- Green and Putty 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