



# MACHINE DATA SHEET

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

## MODEL G0454ZX 20" PLANER W/ SPIRAL CUTTERHEAD

### Product Dimensions:

Weight..... 812 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 44 x 56 x 45 in.  
Footprint (Length x Width)..... 23-1/2 x 29-1/2 in.

### Shipping Dimensions:

Type..... Wood Crate  
Content..... Machine  
Weight..... 942 lbs.  
Length x Width x Height..... 44 x 33 x 51 in.  
Must Ship Upright..... Yes

### Electrical:

Power Requirement..... 220V, Single-Phase, 60 Hz  
Full-Load Current Rating..... 22A  
Minimum Circuit Size..... 30A  
Connection Type..... Cord & Plug  
Power Cord Included..... Yes  
Power Cord Length..... 98 in.  
Power Cord Gauge..... 12 AWG  
Plug Included..... Yes  
Included Plug Type..... L6-30  
Switch Type..... Control Panel w/Magnetic Switch Protection

### Motors:

#### Main

Horsepower..... 5 HP  
Phase..... Single-Phase  
Amps..... 22A  
Speed..... 3450 RPM  
Type..... TEFC Capacitor-Start Induction  
Power Transfer ..... Belt  
Bearings..... Shielded & Permanently Lubricated  
Centrifugal Switch/Contacts Type..... External

### Main Specifications:

#### Main Specifications

Planer Size..... 20 in.  
Max. Cut Width..... 20 in.  
Min. Stock Length..... 8 in.  
Min. Stock Thickness..... 3/16 in.  
Max. Stock Thickness..... 8 in.  
Number of Cuts Per Inch..... 108, 81  
Number of Cuts Per Minute..... 19,608  
Cutterhead Speed..... 4902 RPM  
Planing Feed Rate..... 15, 20 FPM  
Max. Cut Depth Planing Full Width..... 1/16 in.  
Max. Cut Depth Planing 6-Inch Wide Board..... 1/8 in.

## Cutterhead Info

|                                   |                   |
|-----------------------------------|-------------------|
| Cutterhead Type.....              | Spiral            |
| Cutterhead Diameter .....         | 3-3/16 in.        |
| Number of Cutter Rows.....        | 4                 |
| Number of Indexable Cutters.....  | 98                |
| Cutter Insert Type.....           | Indexable Carbide |
| Cutter Insert Size Length.....    | 14mm              |
| Cutter Insert Size Width.....     | 14mm              |
| Cutter Insert Size Thickness..... | 2mm               |

## Table Info

|                               |                     |
|-------------------------------|---------------------|
| Table/Headstock Movement..... | 8-3/4 in.           |
| Table Bed Size Length.....    | 25-1/2 in.          |
| Table Bed Size Width.....     | 20-7/8 in.          |
| Table Bed Size Thickness..... | 2-3/8 in.           |
| Number of Bed Rollers.....    | 2                   |
| Floor-to-Table Height.....    | 26-1/2 - 35-1/4 in. |
| Table Wings Size Length.....  | 15-1/16 in.         |
| Table Wings Size Width.....   | 21-1/4 in.          |

## Construction

|                          |                            |
|--------------------------|----------------------------|
| Table.....               | Precision-Ground Cast Iron |
| Body.....                | Cast Iron                  |
| Stand.....               | Steel                      |
| Cutterhead Assembly..... | Steel                      |
| Infeed Roller.....       | Serrated Steel             |
| Outfeed Roller.....      | Rubber-Coated Steel        |
| Paint Type/Finish.....   | Enamel                     |

## Other

|                            |               |
|----------------------------|---------------|
| Table/Headstock Locks..... | Yes           |
| Measurement Scale.....     | Inch & Metric |
| Number of Dust Ports.....  | 1             |
| Dust Port Size.....        | 5 in.         |
| Mobile Base.....           | Built-In      |

## Other Specifications:

|                                                                      |          |
|----------------------------------------------------------------------|----------|
| Country of Origin .....                                              | China    |
| Warranty .....                                                       | 1 Year   |
| Approximate Assembly & Setup Time .....                              | 1 Hour   |
| Serial Number Location .....                                         | ID Label |
| ISO 9001 Factory .....                                               | Yes      |
| Certified by a Nationally Recognized Testing Laboratory (NRTL) ..... | Yes      |

## Features:

Spiral Cutterhead with 98 Indexable Carbide Inserts  
Triple V-Belt Drive  
Board Return Rollers  
Heavy-Duty Cast-Iron Handwheel Depth Adjustment  
Inch and Metric Measuring Scale  
Control Panel w/Magnetic Switch Protection  
Precision-Ground Cast-Iron Table and Extension Wings  
Chip Breaker, Pressure Bar, and Anti-Kickback Fingers  
Two Adjustable Bed Rollers  
Two-Speed Automatic Board Feed  
Four-Column Support with Two Positive Table Locks  
5" Dust Port  
Built-In, Easy-to-Use Mobile Base  
Enamel Finish