



# MACHINE DATA SHEET

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

## MODEL G7215Z 7-1/2 HP 3-PHASE TILTING SPINDLE SHAPER

### Product Dimensions:

Weight..... 700 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 35-1/2 x 39 x 43 in.  
Footprint (Length x Width)..... 26 x 27 in.

### Shipping Dimensions:

Type..... Wood Crate  
Content..... Machine  
Weight..... 710 lbs.  
Length x Width x Height..... 39 x 44 x 43 in.  
Must Ship Upright..... Yes

### Electrical:

Power Requirement..... 220V or 440V, 3-Phase, 60 Hz  
Prewired Voltage..... 220V  
Full-Load Current Rating..... 20A at 220V, 10A at 440V  
Minimum Circuit Size..... 30A at 220V, 15A at 440V  
Connection Type..... Cord at 220V, Perman  
Power Cord Included..... No  
Recommended Power Cord..... "S"-Type, 4-Wire, 10 AWG, 300 VAC for 220V  
Recommended Plug Type..... L15-30 for 220V  
Switch Type..... Control Panel w/Magnetic Switch Protection  
Voltage Conversion Kit..... P7215Z300 for 440V  
Recommended Phase Converter..... G7979

### Motors:

#### Main

Horsepower..... 7.5 HP  
Phase..... 3-Phase  
Amps..... 20A/10A  
Speed..... 3450 RPM  
Type..... TEFC Induction  
Power Transfer ..... Belt Drive  
Bearings..... Shielded & Permanently Lubricated  
Centrifugal Switch/Contacts Type..... N/A

### Main Specifications:

#### Operation Info

Max. Cutter Height..... 5-1/8 in.  
Max. Cutter Diameter..... 5-7/8 in.  
Spindle Sizes..... 3/4, 1, 1-1/4 in.  
Spindle Lengths..... 6 - 7 in.  
Exposed Spindle Length..... 7-3/8 in.  
Spindle Cap. Under the Nut..... 4-1/4, 4-5/8, 5-1/8 in.  
Spindle Speeds..... 3600, 5100, 8000, 10,000 RPM  
Spindle Travel..... 3-1/4 in.  
Spindle Tilt..... 0 – 45 deg.  
Spindle Openings..... 2, 3, 3-1/2, 7 in.

**Table Info**

Number of Table Inserts.....	1
Table Insert Sizes I.D.....	2-1/8 in.
Table Insert Sizes O.D.....	3, 3-1/2, 7 in.
Table Counterbore Diameter.....	7 in.
Table Counterbore Depth.....	5/8 in.
Table Size Length.....	35-1/2 in.
Table Size Width.....	28 in.
Table Size Thickness.....	2-3/8 in.
Floor to Table Height.....	34-3/4 in.
Table Fence Length.....	29 in.
Table Fence Width.....	9/16 in.
Table Fence Height.....	4-1/4 in.

**Miter Gauge Info**

Miter Angle.....	0 – 60 deg. L/R
Miter Gauge Slot Type.....	T-Slot
Miter Gauge Slot Width.....	1 in.
Miter Gauge Slot Height.....	9/16 in.

**Construction**

Table.....	Precision-Ground Cast Iron
Body Assembly.....	Cast Iron
Cabinet.....	Formed Steel
Fence.....	Cast Iron with Wood
Miter Gauge.....	Cast Iron
Guard.....	Cast Iron
Spindle Bearings.....	Sealed & Lubricated
Paint Type/Finish.....	Powder Coated

**Other**

Number of Dust Ports.....	1
Dust Port Size.....	4 in.
Mobile Base.....	D2058A

**Other Specifications:**

Country of Origin .....	Taiwan
Warranty .....	1 Year
Approximate Assembly & Setup Time .....	45 Minutes
Serial Number Location .....	ID Label on Stand
ISO 9001 Factory .....	No
Certified by a Nationally Recognized Testing Laboratory (NRTL) .....	No

**Features:**

- Cast-Iron Miter Gauge, Adjustable 60 deg. Left to 60 deg. Right
- Precision-Ground Cast-Iron Table
- Green Powder Coated Paint
- Fence Adjustment Includes Built-In Ratchets and Knob-Equipped Adjusters
- Spindles Include Spacer and Nuts
- Tilting Spindle Allows For Infinite Profile Possibilities with Your Existing Shaper Cutters
- 1 Table Insert
- 4 Spring Steel Hold-Down Assemblies