



MACHINE DATA SHEET

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

MODEL G7214Z 7-1/2 HP 3-PHASE SPINDLE SHAPER

Product Dimensions:

Weight..... 573 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 34-3/4 x 35-1/2 x 43 in.
Footprint (Length x Width)..... 26 x 27 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 613 lbs.
Length x Width x Height..... 40 x 30 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, Permanently Connected at 440V
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..... P7214Z156 for 440V
Recommended Phase Converter..... G7978

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..... 5-7/8 – 6-7/8 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 Openings..... 2, 3, 3-1/2, 7 in.

Table Info

Number of Table Inserts.....	3
Table Insert Sizes I.D.....	2, 3, 3-1/2 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.....	2-5/16 in.
Floor to Table Height.....	34-3/4 in.
Table Fence Length.....	33-3/8 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
- 3 Spindles with 8 Spacers and 2 Nuts Included
- Spindle Height Scale in Inches and Millimeters
- 2 Wood Fence Pieces Included
- 4 Spring Steel Hold-Down Assemblies
- Assorted Wrenches Included