



MACHINE DATA SHEET

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

MODEL G9740Z 20" 7-1/2 HP 3-PHASE PLANER W/ SPIRAL CUTTERHEAD

Product Dimensions:

Weight..... 1650 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 42-3/8 x 36 x 52 in.
Footprint (Length x Width)..... 38 x 28 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 1780 lbs.
Length x Width x Height..... 40 x 43 x 48 in.
Must Ship Upright..... Yes

Electrical:

Power Requirement..... 220V or 440V, 3-Phase, 60 Hz
Prewired Voltage..... 220V
Full-Load Current Rating..... 24A at 220V, 12A at 440V
Minimum Circuit Size..... 30A at 220V, 15A at 440V
Connection Type..... Cord at 220V, Perman
Power Cord Included..... Yes
Power Cord Length..... 4 ft.
Power Cord Gauge..... 10 AWG
Switch Type..... Control Panel w/Magnetic Switch Protection
Voltage Conversion Kit..... P97400120-11 FOR 440V
Recommended Phase Converter..... G7979

Motors:

Main

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

Table Elevation

Horsepower..... 1/2 HP
Phase..... 3-Phase
Amps..... 2A
Speed..... 1725 RPM
Type..... TEFC Induction
Power Transfer Chain Drive
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... N/A

Feed

Horsepower..... 1 HP
Phase..... 3-Phase
Amps..... 4A
Speed..... 1145 RPM
Type..... TEFC Induction
Power Transfer Chain Drive
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... N/A

Main Specifications:

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Planer Size..... 20 in.
Max. Cut Width..... 20 in.
Max. Cut Height..... 9 in.
Min. Stock Length..... 10-1/2 in.
Min. Stock Thickness..... 1/4 in.
Max. Stock Thickness..... 9 in.
Number of Cuts Per Inch..... 84 – 42
Number of Cuts Per Minute..... 20,000
Cutterhead Speed..... 5000 RPM
Planing Feed Rate..... 20 – 40 FPM
Max. Cut Depth Planing Full Width..... 3/16 in.
Max. Cut Depth Planing 6-Inch Wide Board..... 3/16 in.

Cutterhead Info

Cutterhead Type..... Spiral
Cutterhead Diameter 4-5/8 in.
Number of Cutter Rows..... 6
Number of Indexable Cutters..... 144
Cutter Insert Type..... 30 deg. 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..... 1/4 – 9 in.
Table Bed Size Length..... 35-3/8 in.
Table Bed Size Width..... 20-1/8 in.
Table Bed Size Thickness..... 5 in.
Number of Bed Rollers..... 2
Floor-to-Table Height..... 24 – 33 in.

Construction

Table..... Precision-Ground Cast Iron
Body..... Cast Iron
Cutterhead Assembly..... Steel
Infeed Roller..... Segmented Steel
Outfeed Roller..... Smooth Steel
Paint Type/Finish..... Powder Coated

Other

Table/Headstock Locks..... Yes
Measurement Scale..... Inch & Metric
Number of Dust Ports..... 1
Dust Port Size..... 5 in.

Other Specifications:

Country of Origin Taiwan
Warranty 1 Year
Approximate Assembly & Setup Time 15 Minutes
Serial Number Location ID Label on Top of Machine
ISO 9001 Factory Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL) No

Features:

Spiral Cutterhead with 144 Indexable Carbide Inserts
Twin-V Belt Drive (Main), Chain Drive (Feed & Elevation)
Table Height Adjustment Buttons & Micro-Adjust Knob
Inch and Metric Measuring Scale
Convenient Control Panel with Magnetic Switch Protection
Precision-Ground Cast-Iron Bed
Green Powder Coated Paint
Segmented Chip Breaker
Bed Rollers
Variable Feed Speed
Table Height Lock
6" Dust Port

Accessories Recommended:

H7319 Indexable Carbide Inserts, 10 Pack