



MACHINE DATA SHEET

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

MODEL G9740Z 20" PLANER W/ 7-1/2 HP 3-PHASE MOTOR & 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.

Electrical:

Minimum Circuit Size..... 30 amp at 220V, 15 amp at 440V
Switch..... Magnetic
Switch Voltage..... 220V
Cord Length..... 4 ft.
Cord Gauge..... 10 gauge
Plug Included..... No
Recommended Phase Converter..... G7979

Motors:

Table Lift

Type..... TEFC Induction
Horsepower..... 1/2 HP
Voltage..... 220V
Prewired..... 220V
Phase..... Three
Amps..... 2A
Speed..... 1725 RPM
Cycle..... 60 Hz
Number of Speeds..... 1
Power Transfer Chain Drive
Bearings..... Shielded and Lubricated

Feed

Type..... TEFC Induction
Horsepower..... 1 HP
Voltage..... 220V
Prewired..... 220V
Phase..... Three
Amps..... 4A
Speed..... 1145 RPM
Cycle..... 60 Hz
Number of Speeds..... 1
Power Transfer Chain Drive
Bearings..... Shielded and Lubricated

Cutterhead

Type..... TEFC Induction
Horsepower..... 7-1/2 HP
Voltage..... 220/440V
Prewired..... 220V
Phase..... Three
Amps..... 20A
Speed..... 3450 RPM
Cycle..... 60 Hz
Number of Speeds..... 1
Power Transfer Belt Drive
Bearings..... Shielded and Lubricated

Main Specifications:

Operation Info

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.
No. of Cuts Per Inch..... 42 - 84
No. of Cuts Per Minute..... 20000
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 Dia..... 4-5/8 in.
No. of Cutter Spirals..... 6
No. 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 Movement..... 1/4 - 9 in.
Table Bed Size Length..... 24 in.
Table Bed Size Width..... 35-1/2 in.
Table Bed Size Thickness..... 5 in.
No. of Bed Rollers..... 2
Floor To Table Height..... 24 - 33 in.

Construction

Table..... Precision Ground Cast Iron
Body..... Cast Iron
Cutterhead Assembly..... One Piece Machined Steel Shaft with Shielded Ball Bearings
Infeed Roller..... Segmented Steel
Outfeed Roller..... Polished Steel
Paint..... Epoxy

Other

Table Locks..... One Positive
Measurement Scale..... Inch and Metric
No. of Dust Ports..... 1
Dust Port Size..... 5 in.

Other Specifications:

ISO 9001 Factory Yes
Country Of Origin Taiwan
Warranty 1 Year
Serial Number Location ID Label on Top of Machine
Customer Assembly & Setup Time 15 minutes

Features:

Table Height Display
Micro Adjustment of Table Height
Segmented Chip Breaker
Variable Speed Feed
Convenient Control Panel