



MACHINE DATA SHEET

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

MODEL G0989 40" EXTREME SERIES PLANER WITH V-HELICAL CUTTERHEAD

Product Dimensions:

Weight..... 3034 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 61 x 47 x 51 in.
Footprint (Length x Width)..... 29 x 59-1/2 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 3382 lbs.
Length x Width x Height..... 70 x 55 x 62 in.
Must Ship Upright..... Yes

Electrical:

Power Requirement..... 220V or 440V, 3-Phase, 60 Hz
Prewired Voltage..... 220V
Full-Load Current Rating..... 58A at 220V, 29A at 440V
Minimum Circuit Size..... 75A at 220V, 40A at 440V
Connection Type..... Permanent (Hardwire to Shutoff)
Switch Type..... Control Panel
Inverter (VFD) Type..... Delta VFD-MS
Inverter (VFD) Size..... 2 HP

Motors:

Main

Horsepower..... 20 HP
Phase..... 3-Phase
Amps..... 50.3A/25.2A
Speed..... 1760
Type..... TEFC Induction
Power Transfer Belt
Bearings..... Shielded & Permanently Lubricated

Table Elevation

Horsepower..... 1/2 HP
Phase..... 3-Phase
Amps..... 2A/1A
Speed..... 1680
Type..... TEFC Induction
Power Transfer Chain
Bearings..... Shielded & Permanently Lubricated

Feed

Horsepower..... 2 HP
Phase..... 3-Phase
Amps..... 6.1A/3.1A
Speed..... 1680
Type..... TEFC Induction
Power Transfer Chain
Bearings..... Shielded & Permanently Lubricated

Main Specifications:

Main Specifications

Planer Size.....	40 in.
Max. Cut Width.....	40 in.
Min. Stock Length.....	16-1/2 in.
Min. Stock Thickness.....	1/4 in.
Max. Stock Thickness.....	11-3/4 in.
Number of Cuts Per Inch.....	163 - 44
Number of Cuts Per Minute.....	31,200
Cutterhead Speed.....	5200 RPM
Planing Feed Rate.....	16 - 59 FPM
Max. Cut Depth Planing Full Width.....	1/8 in.
Max. Cut Depth Planing 6-Inch Wide Board.....	1/4 in.

Cutterhead Info

Cutterhead Type.....	V-Helical
Cutterhead Diameter	5 in.
Number of Cutter Rows.....	6
Number of Indexable Cutters.....	249
Cutter Insert Type.....	Indexable Carbide
Cutter Insert Size Length.....	15mm
Cutter Insert Size Width.....	15mm
Cutter Insert Size Thickness.....	2.5mm

Table Info

Table/Headstock Movement.....	11-3/4 in.
Table Bed Size Length.....	43-5/16 in.
Table Bed Size Width.....	40 in.
Table Bed Size Thickness.....	5-1/4 in.
Number of Bed Rollers.....	2
Floor-to-Table Height.....	26-7/8 - 38-1/2 in.

Construction

Table.....	Precision-Milled, Chrome-Plated Cast Iron
Body.....	Steel
Stand.....	Steel
Cutterhead Assembly.....	Steel
Infeed Roller.....	Steel
Outfeed Roller.....	Polyurethane-Coated Steel
Paint Type/Finish.....	Urethane

Other

Measurement Scale.....	Inch & Metric
Number of Dust Ports.....	3
Dust Port Size.....	5 in.

Other Specifications:

Country of Origin	Taiwan
Warranty	1 Year
Approximate Assembly & Setup Time	1 Hour
Serial Number Location	Machine ID Label
Sound Rating	80 dB

Features:

Digitally Controlled Table Elevation
40" V-Helical Cutterhead with Indexable Carbide Inserts Set at 30-Degree Angle
Steel Infeed Roller and Polyurethane-Coated Steel Outfeed Roller
Anti-Kickback Fingers
VFD-Controlled Variable Feed Rate
Three 5" Dust Ports
Chain-Driven Feed Rollers