

MACHINE SPECIFICATIONS



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MODEL ST1013 12" JOINTER WITH HELICAL CUTTERHEAD

Product Dimensions:

Weight 884 lbs.
Length x Width x Height 84 x 33 x 43-1/2 in.
Footprint (Length x Width) 44-1/2 x 18 in.

Shipping Dimensions:

Type Wood Crate
Content Machine
Weight 970 lbs.
Length x Width x Height 89 x 29 x 41 in.

Electrical:

Power Requirement 230V, Single-Phase, 60Hz
Full-Load Current Rating 15A
Minimum Circuit Size 20A
Connection Type Cord & Plug
Power Cord Included Yes
Power Cord Length 6 ft.
Power Cord Gauge 12 AWG
Plug Included Yes
Included Plug Type 6-20
Switch Type Magnetic Switch w/Overload Protection

Motor:

Type TEFC Capacitor-Start Induction
Horsepower 3 HP
Phase Single-Phase
Amps 15A
Speed 3450 RPM
Power Transfer V-Belt Drive
Bearings Shielded & Permanently Lubricated

Main Specifications:

Operation

Bevel Jointing 0 – 45 deg. L/R
Maximum Width of Cut 12 in.
Maximum Depth of Cut 1/8 in.
Minimum Workpiece Length 14 in.
Minimum Workpiece Thickness 1/2 in.
Number of Cuts Per Minute 39,600

Fence Information

Fence Length.....	46-3/4 in.
Fence Width	1-1/2 in.
Fence Height.....	5-3/8 in.
Fence Stops.....	45, 90, 135 deg.

Cutterhead Information

Cutterhead Type.....	Spiral
Cutterhead Diameter.....	3-7/8 in.
Number of Cutter Spirals	8
Number of Indexable Inserts	96
Cutterhead Speed.....	4950 RPM

Cutter Insert Information

Cutter Insert Type	Curved Indexable Carbide
Cutter Insert Length.....	15 mm
Cutter Insert Width.....	15 mm
Cutter Insert Thickness	2.5 mm

Table Information

Table Length.....	83-1/2 in.
Table Width	12-3/4 in.
Table Thickness.....	1-7/8 – 3-1/4 in.
Floor-to-Table Height	31-5/8 in.
Table Adjustment Type.....	Handwheel
Table Movement Type.....	Parallelogram

Construction

Body Assembly	Cast Iron
Cabinet	Cast Iron
Fence Assembly.....	Precision-Ground Cast Iron
Guard.....	Cast Aluminum
Table	Precision-Ground Cast Iron
Paint Type/Finish	Powder Coated

Other Information

Number of Dust Ports	1
Dust Port Size	5 in.

Other

Country of Origin	China
Warranty.....	2 Years
Approximate Assembly & Setup Time.....	45 Minutes
Serial Number Location	ID Label
ISO 9001 Factory	No
Certified by a Nationally Recognized Testing Laboratory (NRTL)	Yes

Features

5-3/8" Tall Fence
Included Push Blocks
Spiral Cutterhead with German-Made Indexable Carbide Inserts
3 HP Motor
Easy-to-Reach Pedestal-Mounted Control Panel
Parallelogram Table Design Allows for Full Adjustability and Calibration
Sturdy Cabinet Stand
Handwheel-Controlled Table Movement