



MACHINE DATA SHEET

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

MODEL T34614 17" FLOOR VARIABLE-SPEED DRILL PRESS

Product Dimensions:

Weight..... 170 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 16 x 28 x 64-1/2 in.
Footprint (Length x Width)..... 21-1/2 x 13 in.

Shipping Dimensions:

Type..... Cardboard Box
Content..... Machine
Weight..... 179 in.
Length x Width x Height..... 55 x 21 x 13 in.

Electrical:

Power Requirement..... 110V, Single-Phase, 60 Hz
Full-Load Current Rating..... 11.78A
Minimum Circuit Size..... 15A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 72 in
Power Cord Gauge..... 16 AWG
Plug Included..... Yes
Included Plug Type..... 5-15
Switch Type..... ON/OFF Push Buttons
Inverter (VFD) Type..... LSD-C7100
Inverter (VFD) Size..... 2 HP

Motors:

Main

Horsepower..... 1-1/2 HP
Phase..... 3-Phase
Amps..... 3.4A
Speed..... 1400 RPM
Type..... TEFC Induction
Power Transfer Belt
Bearings..... Shielded & Permanently Lubricated

Main Specifications:

Operation Information

Type..... Floor
Swing..... 17 in.
Spindle Taper..... MT#2
Spindle Travel..... 3-1/4 in.
Max. Distance From Spindle to Column..... 8-1/2 in.
Max. Distance From Spindle to Table..... 28-9/16 in.
Number of Spindle Speeds..... Variable
Range of Spindle Speeds..... 30 - 650, 130 - 3000 RPM
Drilling Capacity (Mild Steel)..... 3/4 in.
Drilling Capacity (Cast Iron)..... 1 in.
Drill Chuck Type..... JT3 Keyed
Drill Chuck Size..... 5/8 in.

Spindle Information

Distance From Spindle to Base.....	48-1/2 in.
Quill Diameter.....	2.047 in.

Table Information

Max. Table Tilt (Left/Right).....	45 deg.
Table Swivel Around Center.....	360 deg.
Table Swivel Around Column.....	360 deg.
Max. Movement of Work Table.....	25-1/4 in.
Table Length.....	12-3/8 in.
Table Width.....	12-3/8 in.
Table Thickness.....	1-3/16 in.
Number of T-Slots.....	4
T-Slot Size.....	15mm
Floor-To-Table Height.....	22-1/2 - 47-3/4 in.

Construction

Table.....	Cast Iron
Column.....	Steel
Spindle Housing.....	Cast Iron
Head.....	Cast Iron
Base.....	Cast Iron
Paint Type/Finish.....	Powder Coated

Other Related Information

Base Length.....	21-3/8 in.
Base Width.....	12-3/4 in.
Column Diameter.....	3-1/8 in.
Quill Flange/Collar Diameter.....	2.313 in.
Depth Stop Type.....	Hub
Has Work Light.....	Yes
Light Socket Type.....	5V LED
Maximum Bulb Wattage.....	1W
Has Laser Guide.....	Yes
Laser Classification.....	Class II
Laser Wavelength.....	650nm
Laser Maximum Output.....	1mW

Other Specifications:

Country of Origin	China
Warranty	1 Year
Approximate Assembly & Setup Time	30 Minutes
Serial Number Location	Machine ID Label
ISO 9001 Factory	Yes

Features:

360 Deg. Table Positioning Around Column
Spindle Speed Digital Readout
Two Variable-Speed Spindle Speed Ranges
Adjustable Class II Laser Guide
Built-In LED Worklight
Adjustable Chip Guard w/Safety Switch
Reversible Spindle Rotation
Belt Door Safety Switch