



MACHINE DATA SHEET

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

MODEL G7947 17" FLOOR DRILL PRESS

Product Dimensions:

Weight..... 245 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 21 x 30 x 70 in.
Footprint (Length x Width)..... 22-1/2 x 14-1/2 in.

Shipping Dimensions:

Type..... Cardboard Box
Content..... Machine
Weight..... 260 lbs.
Length x Width x Height..... 60 x 26 x 13 in.
Must Ship Upright..... Yes

Electrical:

Power Requirement..... 120V or 240V, Single-Phase, 60 Hz
Prewired Voltage..... 120V
Full-Load Current Rating..... 15.8A at 120V, 7.9A at 240V
Minimum Circuit Size..... 20A at 120V, 20A at 240V
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 6 ft.
Power Cord Gauge..... 14 AWG
Plug Included..... Yes
Included Plug Type..... 5-20 for 120V
Recommended Plug Type..... 6-15 for 240V
Switch Type..... Paddle Safety Switch w/Removable Key

Motors:

Main

Horsepower..... 1 1/2 HP
Phase..... Single-Phase
Amps..... 15.8A/7.9A
Speed..... 1725 RPM
Type..... TEFC Capacitor-Start Induction
Power Transfer V-Belt Drive
Bearings..... Shielded & Permanently Lubricated

Main Specifications:

Operation Information

Type.....	Floor
Swing.....	17 in.
Spindle Taper.....	MT#3
Spindle Travel.....	4-3/4 in.
Max. Distance From Spindle to Column.....	8-1/2 in.
Max. Distance From Spindle to Table.....	29 in.
Number of Spindle Speeds.....	12
Range of Spindle Speeds.....	180–3240 RPM
Max. Head Swivel.....	360 deg.
Drilling Capacity (Mild Steel).....	1 in. Steel
Drill Chuck Type.....	JT3 Key Chuck
Drill Chuck Size.....	3/64 – 5/8 in.

Spindle Information

Distance From Spindle to Base.....	50-1/4 in.
Quill Diameter.....	2.85 in.

Table Information

Max. Table Tilt (Left/Right).....	90 deg.
Table Swing.....	360 deg.
Table Swivel Around Center.....	360 deg.
Table Swivel Around Column.....	360 deg.
Max. Movement of Work Table.....	21-1/2 in.
Table Length.....	13-5/8 in.
Table Width.....	13-5/8 in.
Table Thickness.....	1-1/2 in.
Vertical Table Travel.....	Crank Handle Operation
Number of T-Slots.....	2
T-Slot Size.....	5/8 in.
Floor-To-Table Height.....	24 – 45-1/2 in.

Construction

Table.....	Precision-Ground Cast Iron
Column.....	Steel
Spindle Housing.....	Cast Iron
Head.....	Cast Iron
Base.....	Cast Iron
Paint Type/Finish.....	Enamel

Other Related Information

Base Length.....	22-1/2 in.
Base Width.....	14-1/2 in.
Mobile Base.....	D2057A
Column Diameter.....	3.605 in.
Depth Stop Type.....	Threaded Rod with Positive Stop
Has Work Light.....	Yes
Light Socket Type.....	120V, Std Bulb
Maximum Bulb Wattage.....	60 W

Other Specifications:

Country of Origin	China
Warranty	1 Year
Approximate Assembly & Setup Time	45 Minutes
Serial Number Location	ID Label on Head
ISO 9001 Factory	Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL)	Yes

Features:

Table Has Lock Levers and Coolant Trough
Threaded Depth Stop
Crank Handle Operated Rack and Pinion Vertical Table Movement
Two T-Slots Accommodates 5/8" Clamping Kit
Includes Built-in Light
Table and Base are Cast Iron
1 1/2 HP Motor
12 Speeds
Huge 4-3/4" Spindle Travel
Cushioned Grip Quill Handles
3/64" – 5/8" Chuck