



# MACHINE DATA SHEET

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

## MODEL G7947 12 SPEED 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 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. 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  
1.5 HP Motor  
12 Speeds  
Huge 4-3/4" Spindle Travel  
Cushioned Grip Quill Handles  
3/64" – 5/8" Chuck