



# 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..... 270 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..... 283 lbs.  
Length x Width x Height..... 61 x 26 x 13 in.  
Must Ship Upright..... Yes

### Electrical:

Power Requirement..... 110V or 220V, Single-Phase, 60 Hz  
Prewired Voltage..... 110V  
Full-Load Current Rating..... 10A at 110V, 5A at 220V  
Minimum Circuit Size..... 15A at 110V, 15A at 220V  
Connection Type..... Cord & Plug  
Power Cord Included..... Yes  
Power Cord Length..... 8-1/2 ft.  
Power Cord Gauge..... 16 AWG  
Plug Included..... Yes  
Included Plug Type..... 5-15 for 110V  
Recommended Plug Type..... 6-15 for 220V  
Switch Type..... Paddle Safety Switch w/Removable Key

### Motors:

#### Main

Type..... TEFC Capacitor-Start Induction  
Horsepower..... 1 HP  
Phase..... Single-Phase  
Amps..... 10A/5A  
Speed..... 1725 RPM  
Power Transfer ..... V-Belt Drive  
Bearings..... Shielded & Permanently Lubricated

### Main Specifications:

#### Construction

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

#### Head Information

Head Swivel..... 360 deg.

### Other Related Information

|                           |                                 |
|---------------------------|---------------------------------|
| Base Length.....          | 22-1/2 in.                      |
| Base Width.....           | 14-1/2 in.                      |
| Quill Diameter.....       | 2.85 in.                        |
| Depth Stop Type.....      | Threaded Rod with Positive Stop |
| Column Diameter.....      | 3.605 in.                       |
| Mobile Base.....          | D2057A                          |
| Has Work Light.....       | Yes                             |
| Light Socket Type.....    | 110V, Std Bulb                  |
| Maximum Bulb Wattage..... | 60 W                            |

### Spindle Information

|                                      |            |
|--------------------------------------|------------|
| Spindle Taper.....                   | MT#3       |
| Spindle Travel.....                  | 4-3/4 in.  |
| Distance From Spindle To Column..... | 8-1/2 in.  |
| Distance From Spindle To Table.....  | 29 in.     |
| Distance From Spindle To Base.....   | 50-1/4 in. |

### Table Information

|                                     |                        |
|-------------------------------------|------------------------|
| Table Length.....                   | 13-5/8 in.             |
| Table Width.....                    | 13-5/8 in.             |
| Table Thickness.....                | 1-1/2 in.              |
| Floor To Table Height.....          | 24 – 45-1/2 in.        |
| Vertical Table Movement.....        | Crank Handle Operation |
| Table Swing.....                    | 360 deg.               |
| Max Table Tilt (Left/Right).....    | 90 deg.                |
| Table Swivel Around Center.....     | 360 deg.               |
| Table Swivel Around Column.....     | 360 deg.               |
| Maximum Movement Of Work Table..... | 21-1/2 in.             |
| Number of T Slots.....              | 2                      |
| T Slot Width.....                   | 1/2 in.                |
| T Slot Length.....                  | 6 in.                  |

### Operation Information

|                                     |                |
|-------------------------------------|----------------|
| Type.....                           | Floor          |
| Swing.....                          | 17 in.         |
| Drilling Capacity (Mild Steel)..... | 1 in. in Steel |
| Number of Spindle Speeds.....       | 12             |
| Range of Spindle Speeds.....        | 210 – 3300 RPM |
| Drill Chuck Type.....               | JT3 Key Chuck  |
| Drill Chuck Size.....               | 1/64 – 5/8 in. |

### 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 .....                  | No               |
| CSA Certified .....                     | No               |

**Features:**

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