



# MACHINE DATA SHEET

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

## MODEL G7948 12 SPEED 20" FLOOR DRILL PRESS

### Product Dimensions:

Weight..... 320 lbs.  
Length/Width/Height..... 34-3/4 x 21 x 70-3/4 in.  
Foot Print (Length/Width)..... 23 x 18 in.

### Shipping Dimensions:

Type..... Cardboard  
Content..... Machine  
Weight..... 331 lbs.  
Length/Width/Height..... 60 x 26 x 13 in.

### Electrical:

Switch..... Paddle On/Off with Safety Lock Tab  
Switch Voltage..... 110V  
Cord Length..... 8-1/2 ft.  
Cord Gauge..... 16 gauge  
Minimum Circuit Size..... 20 amp  
Plug Included..... Yes

### Motors:

#### Main

Type..... TEFC Capacitor Start Induction  
Horsepower..... 1-1/2 HP  
Voltage..... 110/220V  
Prewired..... 110V  
Phase..... Single  
Amps..... 15/7.5A  
Speed..... 1725 RPM  
Cycle..... 60 Hz  
Number Of Speeds..... 1  
Power Transfer ..... V-Belt Drive  
Bearings..... Shielded and Lubricated

### Main Specifications:

#### Construction

Table Construction..... Precision Ground Cast Iron  
Spindle Housing Construction..... Cast Iron  
Column Construction..... Cylindrical Ground Steel  
Head Construction..... Cast Iron  
Base Construction..... Cast Iron  
Paint..... Epoxy

#### Head Information

Head Swivel..... 360 deg.

**Other Related Information**

Base Length.....	23 in.
Base Width.....	17-1/2 in.
Quill Diameter.....	2.825 in.
Depth Stop Type.....	Hub
Column Diameter.....	3.642 in.
Mobile Base.....	G7314Z
Illumination.....	110V Socket, Separat

**Spindle Information**

Spindle Taper.....	MT#4
Spindle Travel.....	4-3/4 in.
Dist From Spindle To Column.....	10 in.
Dist From Spindle To Table.....	28-1/2 in.
Dist From Spindle To Base.....	50-1/4 in.

**Table Information**

Table Length.....	18-3/4 in.
Table Width.....	16-3/4 in.
Table Thickness.....	1-1/2 in.
Floor To Table Height.....	25 - 47 in.
Vertical Table Movement.....	Crank Handle Operate
Table Swing.....	360 deg.
Table Tilt.....	Left and Right 90 deg.
Table Swivel Around Center.....	270 deg.
Table Swivel Around Column.....	360 deg.
Maximum Movement Of Work Table.....	22 in.
No. Of T Slots.....	3
T Slot Width.....	1/2 in.
T Slot Length.....	14-1/2 in.

**Operation Information**

Swing.....	20 in.
Drilling Capacity.....	1-1/4 in. in Steel
No Of Spindle Speeds.....	12
Range Of Spindle Speeds.....	210, 310, 400, 440, 630, 670, 1260, 1430, 1650, 2050, 2350, 3300 RPM
Drill Chuck Type.....	JT3 Key Chuck
Drill Chuck Size.....	5/8 in.

**Other Specifications:**

Country Of Origin .....	China
Warranty .....	1 Year
Serial Number Location .....	Data Label on Head
Awards .....	Popular Woodworking Editor's Choice Tool Buying Guide
Assembly Time .....	45 minutes

**Features:**

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