



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.
Width (side-to-side) x Depth (front-to-back) x Height..... 21 x 34-3/4 x 70-3/4 in.
Footprint (Length x Width)..... 23 x 18 in.

Shipping Dimensions:

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

Electrical:

Minimum Circuit Size..... 20 amp
Switch..... Paddle On/Off with Safety Lock Tab
Switch Voltage..... 110V
Cord Length..... 8-1/2 ft.
Cord Gauge..... 16 gauge
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..... Precision Ground Cast Iron
Spindle Housing..... Cast Iron
Column..... Cylindrical Ground Steel
Head..... Cast Iron
Base..... 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, Separate

Spindle Information

Spindle Taper..... MT#4
Spindle Travel..... 4-3/4 in.
Distance From Spindle To Column..... 10 in.
Distance From Spindle To Table..... 28-1/2 in.
Distance 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.
Number of T Slots..... 3
T Slot Width..... 1/2 in.
T Slot Length..... 14-1/2 in.

Operation Information

Type..... Floor
Swing..... 20 in.
Drilling Capacity..... 1-1/4 in. in Steel
Number 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