



MACHINE DATA SHEET

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

MODEL G7946 34" FLOOR RADIAL DRILL PRESS

Product Dimensions:

Weight..... 128 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 14 x 32 x 64-1/2 in.
Footprint (Length x Width)..... 18 x 11 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 170 lbs.
Length x Width x Height..... 56 x 20 x 14 in.
Must Ship Upright..... No

Electrical:

Power Requirement..... 120V, Single-Phase, 60 Hz
Full-Load Current Rating..... 7A
Minimum Circuit Size..... 15A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 7 ft.
Power Cord Gauge..... 18 AWG
Plug Included..... Yes
Included Plug Type..... 5-15
Switch Type..... Paddle Safety Switch w/Removable Key

Motors:

Main

Horsepower..... 1/2 HP
Phase..... Single-Phase
Amps..... 4.7A
Speed..... 1725 RPM
Type..... TEFC Capacitor-Start Induction
Power Transfer V-Belt Drive
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... Internal

Main Specifications:

Operation Information

Type.....	Radial
Swing.....	34 in.
Spindle Taper.....	JT#33
Spindle Travel.....	3-1/4 in.
Max. Distance From Spindle to Column.....	5-1/2 – 17 in.
Max. Distance From Spindle to Table.....	29-1/2 in.
Number of Spindle Speeds.....	5
Range of Spindle Speeds.....	550 – 3000 RPM
Max. Head Tilt (Left/Right).....	Left 90/Right 45 deg.
Max. Head Swivel.....	360 deg.
Drilling Capacity (Mild Steel).....	1/2 in. in Steel
Drill Chuck Type.....	JT33 Key Chuck
Drill Chuck Size.....	1/16 – 5/8 in.

Spindle Information

Distance From Spindle to Base.....	49-3/4 in.
Quill Diameter.....	1.575 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.....	24-1/2 in.
Table Diameter.....	12-3/16 in.
Table Thickness.....	1 in.
Vertical Table Travel.....	Crank Handle Operation
Number of T-Slots.....	6
T-Slot Size.....	5/8 in.
T-Slot Centers.....	3-1/4 in.
Floor-To-Table Height.....	22-1/2 – 47 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.....	17-1/2 in.
Base Width.....	10-1/2 in.
Mobile Base.....	D2260A
Column Diameter.....	2.790 in.
Depth Stop Type.....	Hub
Has Work Light.....	No

Other Specifications:

Country of Origin	China
Warranty	1 Year
Approximate Assembly & Setup Time	30 Minutes
Serial Number Location	ID Label on Head
ISO 9001 Factory	Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL)	Yes
Awards	Popular Woodworking Editor's Choice Tool Buying Guide

Features:

Threaded Depth Stop
Crank Handle Operated Rack and Pinion Vertical Table Movement
Table Has Lock Levers
Table and Base are Cast Iron
Radial Design Allows Angle Drilling
5 Speeds
1/2 HP Motor
Cushioned Grip Quill Handles
1/64" – 5/8" Chuck