



MACHINE DATA SHEET

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

MODEL G7946 5 SPEED FLOOR RADIAL DRILL PRESS

Product Dimensions:

Weight..... 138 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..... Cardboard Box
Content..... Machine
Weight..... 147 lbs.
Length x Width x Height..... 56 x 20 x 10 in.
Must Ship Upright..... No

Electrical:

Power Requirement..... 110V, Single-Phase, 60 Hz
Prewired Voltage..... 110V
Full-Load Current Rating..... 5A
Minimum Circuit Size..... 15A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 7 ft.
Power Cord Gauge..... 16 AWG
Plug Included..... Yes
Included Plug Type..... 5-15
Switch Type..... Paddle Safety Switch w/Removable Key

Motors:

Main

Type..... TEFC Capacitor-Start Induction
Horsepower..... 1/2 HP
Phase..... Single-Phase
Amps..... 5A
Speed..... 1720 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

Max Head Tilt (Left/Right)..... 90 deg.
Maximum Movement of Head Casting..... 12-1/2 in.
Head Swivel..... 360 deg.

Other Related Information

Base Length.....	17-1/2 in.
Base Width.....	10-1/2 in.
Quill Diameter.....	0.575 in.
Depth Stop Type.....	Hub
Column Diameter.....	2.790 in.
Mobile Base.....	D2260A
Has Work Light.....	No

Spindle Information

Spindle Taper.....	JT#33
Spindle Travel.....	3-1/4 in.
Distance From Spindle To Column.....	5-1/2 – 17 in.
Distance From Spindle To Table.....	30-1/2 in.
Distance From Spindle To Base.....	51 in.

Table Information

Table Diameter.....	12-3/16 in.
Table Thickness.....	1 in.
Floor To Table Height.....	22-1/2 – 48 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.....	24-1/2 in.
Number of T Slots.....	6
T Slot Width.....	5/8 in.
T Slot Length.....	3-1/4 in.

Operation Information

Type.....	Radial
Swing.....	33-1/2 in.
Drilling Capacity (Mild Steel).....	1/2 in. in Steel
Number of Spindle Speeds.....	5
Range of Spindle Speeds.....	550 – 3470 RPM
Drill Chuck Type.....	JT33 Key Chuck
Drill Chuck Size.....	1/64 – 5/8 in.

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	No
CSA Certified	No
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
1/2HP Motor
Cushioned Grip Quill Handles
1/64" – 5/8" Chuck