



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
Content..... Machine
Weight..... 147 lbs.
Length x Width x Height..... 56 x 20 x 10 in.

Electrical:

Minimum Circuit Size..... 10 amp
Switch..... Paddle On/Off with Safety Lock Tab
Switch Voltage..... 110V
Cord Length..... 7 ft.
Cord Gauge..... 16 gauge
Plug Included..... Yes

Motors:

Main

Type..... TEFC Capacitor Start Induction
Horsepower..... 1/2 HP
Voltage..... 110V
Prewired..... 110V
Phase..... Single
Amps..... 5A
Speed..... 1720 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 Tilt..... 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.....	G8683Z

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 Operate
Table Swing.....	360 deg.
Table Tilt.....	Left and 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.....	1/2 in. in Steel
Number of Spindle Speeds.....	5
Range of Spindle Speeds.....	550, 880, 1520, 2490, 3470 RPM
Drill Chuck Type.....	JT33 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	30 minutes

Features:

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