



# MACHINE DATA SHEET

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

## MODEL G7945 34" BENCHTOP RADIAL DRILL PRESS

### Product Dimensions:

Weight..... 88 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 11-1/2 x 33-1/2 x 31-1/2 in.  
Footprint (Length x Width)..... 13-1/2 x 8-1/2 in.

### Shipping Dimensions:

Type..... Cardboard Box  
Content..... Machine  
Weight..... 97 lbs.  
Length x Width x Height..... 36 x 18 x 13 in.  
Must Ship Upright..... No

### Electrical:

Power Requirement..... 120V, Single-Phase, 60 Hz  
Full-Load Current Rating..... 4.7A  
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.....	12-3/4 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.
Drill Chuck Type.....	JT33 Key Chuck
Drill Chuck Size.....	1/16 – 5/8 in.

**Spindle Information**

Distance From Spindle to Base.....	17-1/2 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.....	9-1/2 in.
Table Length.....	9 in.
Table Width.....	8-5/8 in.
Table Thickness.....	1-1/4 in.
Vertical Table Travel.....	Crank Handle Operation
Number of T-Slots.....	2
T-Slot Size.....	5/8 in.
T-Slot Centers.....	6 in.
Floor-To-Table Height.....	6-1/2 – 16 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.....	13-1/2 in.
Base Width.....	8-1/2 in.
Column Diameter.....	2.360 in.
Depth Stop Type.....	Threaded Rod with Positive Stop
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  
1/2HP Motor  
Cushioned Grip Quill Handles  
1/64" – 5/8" Chuck