



# MACHINE DATA SHEET

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

## MODEL G7945 5 SPEED BENCH-TOP 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  
Content..... Machine  
Weight..... 97 lbs.  
Length x Width x Height..... 36 x 18 x 13 in.

### Electrical:

Minimum Circuit Size..... 10 amp  
Switch..... Toggle 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.....	13-1/2 in.
Base Width.....	8-1/2 in.
Quill Diameter.....	0.575 in.
Depth Stop Type.....	Threaded Rod with Positive Stop
Column Diameter.....	2.360 in.

**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.....	14-1/2 in.
Distance From Spindle To Base.....	19 in.

**Table Information**

Table Length.....	9 in.
Table Width.....	8-5/8 in.
Table Thickness.....	1-1/4 in.
Floor To Table Height.....	6-1/2 - 16 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.....	9-3/4 in.
Number of T Slots.....	2
T Slot Width.....	5/8 in.
T Slot Length.....	6 in.

**Operation Information**

Type.....	Radial
Swing.....	34 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
- 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
- 1/8" - 5/8" Chuck