



MACHINE DATA SHEET

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

MODEL G7944 12 SPEED HEAVY-DUTY 14" FLOOR DRILL PRESS

Product Dimensions:

Weight..... 155 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 14 x 24 x 64 in.
Footprint (Length x Width)..... 18 x 11 in.

Shipping Dimensions:

Type..... Cardboard
Content..... Machine
Weight..... 171 lbs.
Length x Width x Height..... 56 x 20 x 10 in.

Electrical:

Minimum Circuit Size..... 15 amp
Switch..... Paddle On/Off with Safety Lock Tab
Switch Voltage..... 110V
Cord Length..... 8-1/2 ft.
Cord Gauge..... 16 gauge
Plug Included..... Yes

Motors:

Main

Type..... TEFC Capacitor Start Induction
Horsepower..... 3/4 HP
Voltage..... 110V
Prewired..... 110V
Phase..... Single
Amps..... 9A
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 Swivel..... 360 deg.

Other Related Information

Base Length.....	18 in.
Base Width.....	11 in.
Quill Diameter.....	2.040 in.
Depth Stop Type.....	Hub
Column Diameter.....	3.150 in.
Mobile Base.....	G8683Z
Illumination.....	110V Socket, Separate

Spindle Information

Spindle Taper.....	MT#2
Spindle Travel.....	3-1/4 in.
Distance From Spindle To Column.....	7 in.
Distance From Spindle To Table.....	31-1/2 in.
Distance From Spindle To Base.....	49 in.

Table Information

Table Length.....	11-3/8 in.
Table Width.....	11-3/8 in.
Table Thickness.....	1-1/4 in.
Floor To Table Height.....	20 - 46 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.....	14 in.
Number of T Slots.....	4
T Slot Width.....	5/8 in.
T Slot Length.....	3-7/8 in.

Operation Information

Type.....	Floor
Swing.....	14 in.
Drilling Capacity.....	3/4 in. in Steel
Number of Spindle Speeds.....	12
Range of Spindle Speeds.....	140, 260, 320, 380, 480, 540, 980, 1160, 1510, 1650, 2180, 3050 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, American Woodworker Best Buy 2001, Woodworker's Journal Tools That Endure
Assembly Time	45 minutes

Features:

- Crank Handle Operated Rack and Pinion Vertical Table Movement
- Cushioned Grip Quill Handles
- Table Has Lock Levers and Coolant Trough
- Includes Built-in Light
- Four T-Slots Accommodates 1/2" Clamping Kit
- Table and Base are Cast Iron
- 12 Speeds
- 3/4HP Motor
- Threaded Depth Stop
- 1/8" - 5/8" Chuck