



MACHINE DATA SHEET

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

MODEL G7944 14" HEAVY-DUTY FLOOR DRILL PRESS

Product Dimensions:

Weight..... 146 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 14-1/2 x 24 x 64 in.
Footprint (Length x Width)..... 18 x 11 in.

Shipping Dimensions:

Type..... Cardboard Box
Content..... Machine
Weight..... 156 lbs.
Length x Width x Height..... 56 x 20 x 10 in.
Must Ship Upright..... No

Electrical:

Power Requirement..... 120V, Single-Phase, 60 Hz
Prewired Voltage..... 120V
Full-Load Current Rating..... 7.5A
Minimum Circuit Size..... 15A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 8-1/2 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..... 3/4 HP
Phase..... Single-Phase
Amps..... 7.5A
Speed..... 1725 RPM
Type..... TEFC Capacitor-Start Induction
Power Transfer..... V-Belt Drive
Bearings..... Shielded & Permanently Lubricated

Main Specifications:

Operation Information

Type..... Floor
Swing..... 14 in.
Spindle Taper..... MT#2
Spindle Travel..... 3-1/4 in.
Max. Distance From Spindle to Column..... 7 in.
Max. Distance From Spindle to Table..... 31-1/2 in.
Number of Spindle Speeds..... 12
Range of Spindle Speeds..... 140 – 3050 RPM
Max. Head Swivel..... 360 deg.
Drilling Capacity (Mild Steel)..... 3/4 in.
Drill Chuck Type..... JT33 Key Chuck
Drill Chuck Size..... 3/64 – 5/8 in.

Spindle Information

| | |
|------------------------------------|-----------|
| Distance From Spindle to Base..... | 49 in. |
| Quill Diameter..... | 2.040 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..... | 25-3/4 in. |
| Table Length..... | 11-3/8 in. |
| Table Width..... | 11-3/8 in. |
| Table Thickness..... | 1-1/4 in. |
| Vertical Table Travel..... | Crank Handle Operation |
| Number of T-Slots..... | 4 |
| T-Slot Size..... | 5/8 in. |
| T-Slot Centers..... | 3-7/8 in. |
| Floor-To-Table Height..... | 20-1/4 – 46 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..... | 18 in. |
| Base Width..... | 11 in. |
| Mobile Base..... | D2260A |
| Column Diameter..... | 3.150 in. |
| Depth Stop Type..... | Hub |
| Has Work Light..... | Yes |
| Light Socket Type..... | 120V, Std Bulb |
| Maximum Bulb Wattage..... | 60 W |

Other Specifications:

| | |
|--|---|
| Country of Origin | China |
| Warranty | 1 Year |
| Approximate Assembly & Setup Time | 45 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:

- Four T-Slots Accommodates 1/2" Clamping Kit
- Table and Base are Cast Iron
- 12 Speeds
- 3/4HP Motor
- Threaded Depth Stop
- 1/64" – 5/8" Chuck
- Crank Handle Operated Rack and Pinion Vertical Table Movement
- Cushioned Grip Quill Handles
- Table Has Lock Levers and Coolant Trough
- Includes Built-in Light