



# MACHINE DATA SHEET

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

## MODEL G0491 16 SPEED FLOOR MODEL DRILL PRESS

### Product Dimensions:

Weight..... 128 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 14 x 24 x 62 in.  
Footprint (Length x Width)..... 19-5/8 x 12 in.

### Shipping Dimensions:

Type..... Cardboard  
Content..... Machine  
Weight..... 132 lbs.  
Length x Width x Height..... 55 x 19 x 10 in.

### Electrical:

Minimum Circuit Size..... 13 amp  
Switch..... Toggle On/Off with Safety Lock Tab  
Switch Voltage..... 110V  
Cord Length..... 5 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..... 8.5A  
Speed..... 1725 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.....	19-5/8 in.
Base Width.....	11-3/4 in.
Quill Diameter.....	2.17 in.
Depth Stop Type.....	Threaded Rod with Positive Stop
Column Diameter.....	2-7/8 in.
Mobile Base.....	G8683Z
Illumination.....	110V Socket

**Spindle Information**

Spindle Taper.....	MT#2
Spindle Travel.....	3-3/16 in.
Distance From Spindle To Column.....	6-1/2 in.
Distance From Spindle To Table.....	30-3/4 in.
Distance From Spindle To Base.....	48 in.

**Table Information**

Table Diameter.....	11-3/8 in.
Table Thickness.....	1-1/4 in.
Floor To Table Height.....	19-5/8 - 45-1/4 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.....	25-1/2 in.
Number of T Slots.....	6
T Slot Width.....	5/8 in.
T Slot Length.....	3-1/4 in.

**Operation Information**

Type.....	Floor
Swing.....	13 in.
Drilling Capacity.....	5/8 in. in Steel
Number of Spindle Speeds.....	16
Range of Spindle Speeds.....	230, 376, 470, 544, 569, 653, 760, 813, 840, 1458, 1610, 1716, 2196, 2375, 3270 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 Headstock
Assembly Time .....	45 minutes

**Features:**

- Crank Handle Operated Rack and Pinion Vertical Table Movement
- Threaded Depth Stop
- Includes Built-in Light
- Table and Base are Cast Iron
- 5/8" Chuck