



# MACHINE DATA SHEET

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

## MODEL G9747 HEAVY-DUTY GEAR HEAD DRILL PRESS

### Product Dimensions:

Weight..... 630 lbs.  
Length/Width/Height..... 30-3/4 x 28 x 89 in.  
Foot Print (Length/Width)..... 27-1/2 x 19-1/4 in.

### Shipping Dimensions:

Type..... Wood Crate/Slats 2 S  
Content..... Machine  
Weight..... 901 lbs.  
Length/Width/Height..... 36 x 30 x 83 in.

### Electrical:

Switch..... Reversible  
Switch Voltage..... 220V  
Cord Length..... 7 ft.  
Cord Gauge..... 14 gauge  
Minimum Circuit Size..... 15 amp  
Plug Included..... No  
Phase Converter..... G5842

### Motors:

#### Main

Type..... TEFC 2 Speed Induction  
Horsepower..... 1-1/2 HP  
Voltage..... 220V  
Prewired..... 220V  
Phase..... Three  
Amps..... 7.5/4.5A  
Speed..... 3450/1725 RPM  
Cycle..... 60 Hz  
Number Of Speeds..... 2  
Power Transfer ..... Direct  
Bearings..... Shielded, Permanently Lubricated

### Main Specifications:

#### Construction

Table Construction..... Cast Iron  
Spindle Housing Construction..... Cast Iron  
Column Construction..... Ground Cast Iron  
Head Construction..... Cast Iron  
Base Construction..... Cast Iron  
Paint..... Epoxy

#### Head Information

Head Tilt..... Left 30, Right 90 deg.  
Maximum Movement Of Head Casting..... 10-1/2 in.  
Head Swivel..... 360 deg.

**Other Related Information**

Base Length..... 27-1/4 in.  
Base Width..... 19-1/2 in.  
Quill Hold Type..... Lever Lock with Gib  
Quill Diameter..... 3 in.  
Depth Stop Type..... Threaded Rod with Positive Stop  
Column Diameter..... 4-1/2 in.  
Mobile Base..... G7315Z

**Spindle Information**

Spindle Taper.....MT#4  
Spindle Travel..... 5 in.  
Dist From Spindle To Column..... 10-1/4 in.  
Dist From Spindle To Table..... 29-7/8 in.  
Dist From Spindle To Base..... 53-3/4 in.

**Table Information**

Table Length..... 21-3/4 in.  
Table Width..... 19-3/8 in.  
Table Thickness..... 2 in.  
Floor To Table Height..... 31-1/2 - 54-1/2 in.  
Vertical Table Movement..... Crank Handle Operate  
Table Swivel Around Center..... 360 deg.  
Table Swivel Around Column..... 360 deg.  
Maximum Movement Of Work Table..... 23-3/4 in.  
No. Of T Slots.....2  
T Slot Width..... 1/2 in.  
T Slot Length..... 15-1/2 in.

**Operation Information**

Power Down Feed Speeds.....0.005, 0.007, 0.010 in.  
Swing..... 20-1/2 in.  
Drilling Capacity..... 1-5/8 in.  
No Of Spindle Speeds.....12  
Range Of Spindle Speeds.....65, 129, 133, 215, 260, 425, 435, 895, 943, 1505, 1764, 2915 RPM  
End Milling Cap..... 1 in.  
Face Milling Cap.....4 in.

**Other Specifications:**

ISO Factory ..... ISO 9001  
Country Of Origin .....Taiwan  
Warranty ..... 1 Year  
Serial Number Location ..... ID Label on Head Casting  
Assembly Time ..... 10 minutes

**Features:**

- Graduations in Inches
- Coolant Pump
- Quill Lock
- Power Down Feed
- Reversing Switch
- MT #4 Spindle Taper
- 12 Speeds
- 1-1/2HP, 2 Speed Motor
- Table and Base are Cast Iron