



# MACHINE DATA SHEET

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

## MODEL G0808 20-3/4" GEARHEAD DRILL PRESS WITH CROSS-SLIDE TABLE

### Product Dimensions:

Weight..... 705 lbs.  
 Width (side-to-side) x Depth (front-to-back) x Height..... 42 x 46-1/2 x 77-1/2 in.  
 Footprint (Length x Width)..... 26 x 18-1/2 in.  
 Space Required for Full Range of Movement (Width x Depth)..... 56-1/2 x 46-1/2 in.

### Shipping Dimensions:

Type..... Wood Crate  
 Content..... Machine  
 Weight..... 739 lbs.  
 Length x Width x Height..... 36 x 34 x 78 in.  
 Must Ship Upright..... Yes

### Electrical:

Power Requirement..... 220V, Single-Phase, 60 Hz  
 Full-Load Current Rating..... 5.5A  
 Minimum Circuit Size..... 15A  
 Power Cord Included..... Yes  
 Power Cord Length..... 6 ft.  
 Power Cord Gauge..... 14 AWG  
 Plug Included..... Yes  
 Included Plug Type..... 6-15  
 Switch Type..... Magnetic Switch  
 Inverter (VFD) Type..... KB-26D

### Motors:

#### Main

Horsepower..... 1.5 HP  
 Phase..... 3-Phase  
 Amps..... 5.5A  
 Speed..... 1720 RPM  
 Type..... TEFC Induction  
 Power Transfer ..... Gear Drive  
 Bearings..... Shielded & Permanently Lubricated  
 Centrifugal Switch/Contacts Type..... N/A

**Main Specifications:**

**Operation Information**

Swing.....	20-3/4 in.
Spindle Taper.....	R-8
Spindle Travel.....	4-7/8 in.
Max. Distance From Spindle to Column.....	10-7/16 in.
Max. Distance From Spindle to Table.....	17-1/2 in.
Number of Spindle Speeds.....	Variable
Range of Spindle Speeds.....	0 – 2500 RPM
Max. Head Tilt (Left/Right).....	30/90 deg.
Drilling Capacity (Mild Steel).....	1-9/16 in.
End Milling Capacity.....	3/4 in.
Face Milling Capacity.....	3-15/16 in.

**Spindle Information**

Distance From Spindle to Base.....	42 in.
Quill Diameter.....	2-15/16 in.

**Table Information**

Table Swivel Around Column.....	360 deg.
Longitudinal Travel.....	15 in.
Cross Travel.....	7 in.
Table Length.....	23 in.
Table Width.....	7-1/2 in.
Table Thickness.....	1-3/4 in.
Vertical Table Travel.....	17-3/4 in.
Number of T-Slots.....	4
T-Slot Size.....	1/2 in.
T-Slot Centers.....	1-1/2 in.
Floor-To-Table Height.....	22-1/2 in.

**Construction**

Table.....	Cast Iron
Column.....	Cast Iron
Spindle Housing.....	Cast Iron
Head.....	Cast Iron
Base.....	Cast Iron
Paint Type/Finish.....	Enamel

**Other Related Information**

Base Length.....	26 in.
Base Width.....	18-1/2 in.
Column Diameter.....	4-1/2 in.
Quill Flange/Collar Diameter.....	3-3/4 in.

**Other Specifications:**

Country of Origin .....	Taiwan
Warranty .....	1 Year
Approximate Assembly & Setup Time .....	1 Hour
Serial Number Location .....	Machine ID Label
ISO 9001 Factory .....	Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL) .....	No

**Features:**

Variable Frequency Drive for 3-Phase Speed Control with Single-Phase Power  
Longitudinal Power Feed on Precision-Ground Cast-Iron Table with Independent Power Supply  
Power Feed or Hand Crank-Enabled Rack and Pinion Table Elevation  
Coarse and Fine Downfeed Controls  
Cast-Iron Base with Two 1/2" T-Slots, 8-7/8" on Center  
360 Deg. Table Positioning Around Column  
360 Deg. Head Positioning Around Column  
Digital Speed Display  
Front-Mounted E-Stop Button  
Forward/Reverse Spindle Switch  
Headstock Features 2.64 qt. Capacity

**Accessories Included:**

Socket Wrench 13/23mm  
Hex Wrenches 3, 4, 5mm