



# Product Specifications



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## Model SB1116 21" Variable-Speed Gearhead Drill Press With Cross-Slide Table

### Product Dimensions

Weight..... 672 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 42 x 35 x 69 in.  
Footprint (Length x Width)..... 26 x 18-1/2 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  
Connection Type..... Cord & Plug  
Power Cord Included..... Yes  
Power Cord Length..... 84 in.  
Power Cord Gauge..... 14 AWG  
Plug Included..... Yes  
Included Plug Type..... 6-15  
Switch Type..... Control Panel w/Magnetic Switch  
Inverter (VFD) Type..... KB-26D

### Motors

#### Main

Horsepower..... 1-1/2 HP  
Phase..... 3-Phase  
Amps..... 5.5A  
Speed..... 1720 RPM  
Type..... TEFC Induction  
Power Transfer ..... Gear Drive  
Bearings..... Shielded & Permanently Lubricated

## Main Specifications

### Operation Information

Type.....	Floor
Swing.....	20-3/4 in.
Spindle Taper.....	R-8
Spindle Travel.....	5 in.
Max. Distance From Spindle to Column.....	10-7/16 in.
Max. Distance From Spindle to Table.....	17-3/8 in.
Number of Spindle Speeds.....	Variable
Range of Spindle Speeds.....	0 - 2500 RPM
Max. Head Tilt (Left/Right).....	90/30 deg.
Drilling Capacity (Mild Steel).....	1-9/16 in.
Drilling Capacity (Cast Iron).....	1-9/16 in.
End Milling Capacity.....	3/4 in.
Face Milling Capacity.....	3-15/16 in.
Drill Chuck Type.....	JT6 Key Chuck
Drill Chuck Size.....	1/64 - 5/8 in.

### Spindle Information

Distance From Spindle to Base.....	35-3/4 in.
Quill Diameter.....	2.938 in.
Drawbar Thread Size.....	7/16" - 20

### Table Information

Table Swivel Around Column.....	360 deg.
Longitudinal Travel.....	14-1/2 in.
Cross Travel.....	7-1/4 in.
Table Length.....	23 in.
Table Width.....	7-1/2 in.
Table Thickness.....	1-3/4 in.
Vertical Table Travel.....	17-3/16 in.
Number of T-Slots.....	4
T-Slot Size.....	1/2 in.
T-Slot Centers.....	1-1/2 in.
Floor-To-Table Height.....	18-1/2 - 39-1/2 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**

Country of Origin ..... Taiwan  
Warranty ..... 2 Years  
Approximate Assembly & Setup Time ..... 1 Hour  
Serial Number Location ..... ID Label  
Sound Rating ..... 83 - 85 dB  
ISO 9001 Factory ..... Yes

**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  
Powered or Manual 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 2.6 Qt. Capacity

**Included Accessories**

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