



# MACHINE DATA SHEET

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

## MODEL G0729 VERTICAL MILL WITH POWER FEED

### Product Dimensions:

Weight..... 671 lbs.  
 Width (side-to-side) x Depth (front-to-back) x Height..... 45-3/4 x 49-3/4 x 68 in.  
 Footprint (Length x Width)..... 27-1/2 x 21 in.  
 Space Required for Full Range of Movement (Width x Depth)..... 68 x 48 in.

### Shipping Dimensions:

Type..... Wood Crate  
 Content..... Machine  
 Weight..... 764 lbs.  
 Length x Width x Height..... 43 x 45 x 77 in.

### Electrical:

Power Requirement..... 110V or 220V, Single-Phase, 60 Hz  
 Prewired Voltage..... 110V  
 Full-Load Current Rating..... 18A at 110V, 9A at 220V  
 Minimum Circuit Size..... 20A at 110V, 15A at 220V  
 Connection Type..... Cord & Plug  
 Power Cord Included..... Yes  
 Power Cord Length..... 6 ft.  
 Power Cord Gauge..... 14 AWG  
 Plug Included..... Yes  
 Included Plug Type..... 5-15 for 110V  
 Recommended Plug Type..... 6-15 for 220V  
 Switch Type..... Forward/Reverse Switch

### Motors:

#### Main

Horsepower..... 1.5 HP  
 Phase..... Single-Phase  
 Amps..... 18A/9A  
 Speed..... 1725 RPM  
 Type..... TEFC Capacitor-Start Induction  
 Power Transfer ..... V-Belt Drive  
 Bearings..... Shielded & Permanently Lubricated  
 Centrifugal Switch/Contacts Type..... External

**Main Specifications:**

**Operation Info**

Spindle Travel.....	3 in.
Max Distance Spindle to Column.....	6-1/2 in.
Max Distance Spindle to Table.....	12-1/4 in.
Longitudinal Table Travel (X-Axis).....	15-5/8 in.
Cross Table Travel (Y-Axis).....	6 in.
Vertical Table Travel (Z-Axis).....	13-1/2 in.
Turret or Column Swivel (Left /Right).....	360 deg.
Head Tilt (Left/Right).....	45 deg.
Drilling Capacity for Cast Iron.....	1 in.
Drilling Capacity for Steel.....	3/4 in.
End Milling Capacity.....	3/4 in.
Face Milling Capacity.....	3 in.

**Table Info**

Table Length.....	26 in.
Table Width.....	6-1/8 in.
Table Thickness.....	1-3/4 in.
Number of T-Slots.....	3
T-Slot Size.....	9/16 in.
T-Slots Centers.....	1-11/16 in.
Number of Longitudinal Feeds.....	Variable
X-Axis Table Power Feed Rate.....	0 – 11.67 FPM
X/Y-Axis Travel per Handwheel Revolution.....	0.125 in.
Z-Axis Travel per Handwheel Revolution.....	0.062 in.

**Spindle Info**

Spindle Taper.....	R-8
Number of Vertical Spindle Speeds.....	9
Range of Vertical Spindle Speeds.....	230 – 2520 RPM
Quill Diameter.....	2.950 in.
Drawbar Thread Size.....	7/16-20
Drawbar Length.....	12 in.
Spindle Bearings.....	Angular Contact Bearings

**Construction**

Spindle Housing/Quill.....	Chrome-Plated Cast Iron
Table.....	Precision-Ground Cast Iron
Head.....	Cast Iron
Column/Base.....	Cast Iron
Base.....	Cast Iron
Stand.....	Steel
Paint Type/Finish.....	Enamel

**Other Specifications:**

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