



# 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               |