



# MACHINE DATA SHEET

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

## MODEL G0875 7" X 24" ENCLOSED CNC MILL

### Product Dimensions:

Weight ..... 1190 lbs.  
 Width (side-to-side) x Depth (front-to-back) x Height ..... 65 x 42 x 78 in.  
 Footprint (Length/Width) ..... 65 x 68 in.

### Shipping Dimensions:

Type ..... Wood Crate  
 Content ..... Machine  
 Weight ..... 1320 lbs.  
 Length x Width x Height ..... 71-1/2 x 46 x 85 in.  
 Must Ship Upright ..... Yes

### Electrical:

Power Requirement ..... 220V, 3-Phase, 60 Hz  
 Full-Load Current Rating ..... 11.8A  
 Minimum Circuit Size ..... 15A  
 Connection Type ..... Permanent (Hardwire to Shutoff Switch)  
 Power Cord Gauge ..... 14 AWG

### Motor:

#### Spindle

Horsepower ..... 1.5 HP  
 Phase ..... 3-Phase  
 Amps ..... 5.1A  
 Speed ..... 3000 RPM  
 Type ..... DC Brush  
 Power Transfer ..... Belt Drive  
 Bearings ..... Shielded & Permanently Lubricated

#### X-Axis

Horsepower ..... 1 HP  
 Phase ..... 3-Phase  
 Amps ..... 2.1A  
 Speed ..... 3000 RPM  
 Type ..... Servo  
 Power Transfer ..... Direct Drive  
 Bearings ..... Sealed & Permanently Lubricated

#### Y-Axis

Horsepower ..... 1 HP  
 Phase ..... 3-Phase  
 Amps ..... 2.1A  
 Speed ..... 3000 RPM  
 Type ..... Servo  
 Power Transfer ..... Direct Drive  
 Bearings ..... Sealed & Permanently Lubricated

## Z-Axis

Horsepower .....	1 HP
Phase .....	3-Phase
Amps .....	2.1A
Speed .....	3000 RPM
Type.....	Servo
Power Transfer.....	Direct Drive
Bearings .....	Sealed & Permanently Lubricated

## Coolant Pump

Horsepower .....	37 Watts
Phase .....	3-Phase
Amps .....	0.4A
Speed .....	2800 RPM
Type.....	TEFC Induction
Power Transfer.....	Direct Drive
Bearings .....	Shielded & Permanently Lubricated

## Main Specifications:

### Operation Information

Max Distance Spindle to Column .....	7-3/4 in.
Max Distance Spindle to Table .....	11 in.
Longitudinal Table Travel (X-Axis).....	14 in.
Cross Table Travel (Y-Axis).....	6 in.
Vertical Head Travel (Z-Axis).....	9 in.
Position Resolution.....	± 0.002 in. (0.050mm)
Repeat Position Resolution.....	± 0.002 in. (0.050mm)

### Table Info

Table Length .....	24-3/8 in.
Table Width .....	7 in.
Table Thickness .....	1-5/16 in.
Table Height (from Floor/Base).....	45 in.
Table Weight Capacity .....	66 lbs.
Number of T-Slots .....	3
T-Slot Size.....	7/16 in.
T-Slots Centers .....	2 in.
X-Axis Rapid Feed Rate.....	240 IPM
Y-Axis Rapid Feed Rate.....	240 IPM
Z-Axis Rapid Feed Rate.....	240 IPM

### Spindle Info

Spindle Taper .....	BT30
Pull Stud .....	BT30 x 45°
Range of Vertical Spindle Speeds .....	90 - 3000 RPM
Spindle Bearings (Size & Type) .....	Angular Contact Bearings

### Fluid Capacities

Coolant Capacity .....	5 Gallons
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### Construction

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

**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  
NRTL..... No

**Features:**

Siemens Sinumerk® CNC Controller  
Servo Motors with Ball Screws on All Axes  
Powerful 1.5 HP Main Motor  
90–3000 RPM Spindle Speeds  
Easy Access to Table  
Rapid Table Speeds of Up to 240 in./min.  
Heavy-Duty BT30 Spindle