



MACHINE DATA SHEET

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

MODEL G0875Z 7" X 24" 3HP 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 1444 lbs.
Length x Width x Height 72 x 46 x 85 in.
Must Ship Upright Yes

Electrical:

Power Requirement 220V, 3-Phase, 60 Hz
Full-Load Current Rating 11.6A
Minimum Circuit Size 20A
Connection Type Cord & Plug
Power Cord Included Yes
Power Cord Length 72 in.
Power Cord Gauge 12 AWG
Plug Included Yes
Included Plug Type L15-20

Motor:

Spindle

Horsepower 3 HP
Phase 3-Phase
Amps 5.4A
Speed 4000 RPM
Type Servo
Power Transfer Belt
Bearings Shielded & Permanently Lubricated

X-Axis

Horsepower 0.55 HP
Phase 3-Phase
Amps 1.2A
Speed 3000 RPM
Type Servo
Power Transfer Direct
Bearings Sealed & Permanently Lubricated

Y-Axis

Horsepower 1 HP
Phase 3-Phase
Amps 2.1A
Speed 3000 RPM
Type Servo
Power Transfer Direct
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	40 Watts
Phase	Single-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	7-3/8 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)
Air Requirement	0.8 MPa (8 Bar)

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
------------------------	-----------

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 LocationMachine ID Label
ISO 9001 Factory.....Yes

Features:

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