



# MACHINE DATA SHEET

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

## MODEL G0757Z 10" X 39" 3 HP VARIABLE-SPEED HORIZONTAL/VERTICAL MILL WITH DRO

### Product Dimensions:

Weight..... 1874 lbs.  
 Width (side-to-side) x Depth (front-to-back) x Height..... 53-1/2 x 55 x 82 in.  
 Footprint (Length x Width)..... 35-1/2 x 20 in.  
 Space Required for Full Range of Movement (Width x Depth)..... 76 x 58 in.

### Shipping Dimensions:

Type..... Wood Crate  
 Content..... Machine  
 Weight..... 2050 lbs.  
 Length x Width x Height..... 53 x 45 x 88 in.  
 Must Ship Upright..... Yes

### Electrical:

Power Requirement..... 220V, Single-Phase, 60 Hz  
 Full-Load Current Rating..... 9.5A  
 Minimum Circuit Size..... 15A  
 Power Cord Included..... Yes  
 Power Cord Length..... 6-1/2 ft.  
 Power Cord Gauge..... 14 AWG  
 Plug Included..... No  
 Recommended Plug Type..... 6-15  
 Switch Type..... Control Panel with E-Stop Button  
 Inverter (VFD) Type..... Delta VFD-E

### Motors:

#### Coolant Pump

Horsepower..... 40W  
 Phase..... Single-Phase  
 Amps..... 0.2A  
 Speed..... 2800 RPM  
 Type..... TEFC Permanent-Split Capacitor  
 Power Transfer ..... Direct Drive  
 Bearings..... Shielded & Permanently Lubricated  
 Centrifugal Switch/Contacts Type..... N/A

#### Vertical Spindle

Horsepower..... 3 HP  
 Phase..... 3-Phase  
 Amps..... 9.3A  
 Speed..... 1500 RPM  
 Type..... TEFC Capacitor-Start Induction  
 Power Transfer ..... Gear Drive  
 Bearings..... Shielded & Permanently Lubricated  
 Centrifugal Switch/Contacts Type..... Internal

## Horizontal Spindle

Horsepower.....	2 HP
Phase.....	Single-Phase
Amps.....	8.6A
Speed.....	1725 RPM
Type.....	TEFC Capacitor-Start Induction
Power Transfer .....	V-Belt Drive
Bearings.....	Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type.....	Internal

## Main Specifications:

### Operation Info

Spindle Travel.....	5 in.
Max Distance Spindle to Column.....	26-3/4 in.
Max Distance Spindle to Table.....	14-1/2 in.
Maximum Distance Horizontal Spindle Center to Table.....	14-1/8 in.
Longitudinal Table Travel (X-Axis).....	23-1/2 in.
Cross Table Travel (Y-Axis).....	8-1/2 in.
Vertical Table Travel (Z-Axis).....	12-1/2 in.
Table Swivel (Left/Right).....	45 deg.
Ram Travel.....	11 in.
Turret or Column Swivel (Left /Right).....	180 deg.
Head Tilt (Left/Right).....	90 deg.
Drilling Capacity for Cast Iron.....	1-1/8 in.
Drilling Capacity for Steel.....	1 in.
End Milling Capacity.....	1 in.
Face Milling Capacity.....	4 in.

### Table Info

Table Length.....	39-3/8 in.
Table Width.....	9-1/2 in.
Table Thickness.....	2-3/8 in.
Number of T-Slots.....	3
T-Slot Size.....	5/8 in.
T-Slots Centers.....	3 in.
Number of Longitudinal Feeds.....	Variable
X-Axis Table Power Feed Rate.....	0 – 11.67 FPM
X/Y-Axis Travel per Handwheel Revolution.....	0.200 in.
Z-Axis Travel per Handwheel Revolution.....	0.200 in.

### Spindle Info

Spindle Taper.....	R-8
Range of Vertical Spindle Speeds.....	100 – 600, 350 – 2000 RPM
Quill Diameter.....	3-1/2 in.
Drawbar Thread Size.....	7/16-20
Drawbar Length.....	20, 13-3/4 in.
Spindle Bearings.....	Tapered Roller Bearings (P5)
Horizontal Spindle Taper.....	R-8
Number of Horizontal Spindle Speeds.....	8
Range of Horizontal Spindle Speeds.....	72 – 1300 RPM
Horizontal Spindle Bearing Type.....	Tapered Roller Bearings (P5)

### Construction

Spindle Housing/Quill.....	Chromed Cast Iron
Table.....	Precision-Ground Cast Iron
Head.....	Cast Iron
Column/Base.....	Cast Iron
Base.....	Cast Iron
Paint Type/Finish.....	Enamel

**Other Specifications:**

Country of Origin ..... China  
Warranty ..... 1 Year  
Serial Number Location ..... Machine ID Label on Head  
ISO 9001 Factory ..... Yes

**Features:**

Variable-speed spindle control with digital readout for spindle RPMs  
Recycling coolant system  
Longitudinal power feed  
High-precision P5 spindle bearings  
Halogen work light  
Independent high-CFM motor fan  
3-Axis DRO

**Accessories Included:**

Arbor adapter, R-8 to MT#3  
Horizontal arbors w/spacers, 1-1/4" & 1"  
1 – 13mm drill chuck w/key & arbor  
MT#3 to MT#2 adapter sleeve  
T-bolts w/washers & nuts  
Service tools & toolbox