



MACHINE DATA SHEET

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

MODEL G1005Z MILL/DRILL MILLING MACHINE #25

Product Dimensions:

Weight..... 374 lbs.
Length/Width/Height..... 36-1/2 x 34-1/2 x 40 in.
Foot Print (Length/Width)..... 20-1/2 x 13 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 435 lbs.
Length/Width/Height..... 28 x 29 x 41 in.

Electrical:

Switch..... Push Button
Switch Voltage..... 110V
Cord Length..... 6 ft.
Cord Gauge..... 14 gauge
Minimum Circuit Size..... 20 amp
Plug Included..... Yes

Motors:

Main

Type..... TEFC Capacitor Start Induction
Horsepower..... 1 HP
Voltage..... 110/220V
Prewired..... 110V
Phase..... Single
Amps..... 12/6A
Speed..... 1725 RPM
Cycle..... 60 Hz
Number Of Speeds..... 1
Power Transfer Belt Drive
Bearings..... Shielded, Permanently Lubricated

Main Specifications:

Operation Info

Spindle Travel..... 3-5/8 in.
Swing..... 16 in.
Longitudinal Table Travel..... 15 in.
Cross Table Travel..... 5-1/2 in.
Head Swivel..... 360 deg.
Max. Dist Spindle To Column..... 8 in.
Max. Dist Spindle To Table..... 14-3/8 in.
Drilling Cap For Cast Iron..... 1 in.
Drilling Cap For Steel..... 1 in.
No. Of Vert. Spindle Speeds..... 12
Range Of Vert. Spindle Speeds..... 110 - 2580 RPM
Quill Dia..... 2.440 in.

Table Info

Table Length.....	23 in.
Table Width.....	7-1/2 in.
Table Thickness.....	1-3/4 in.
No. Of T Slots.....	4
T Slots Width.....	1/2 in.
T Slots Height.....	7/8 in.
T Slots Centers.....	1-1/2 in.
Stud Size.....	3/8 in.

Spindle Info

Spindle Taper.....	R-8
Spindle Sleeve Diameter.....	2.44 in.
End Milling Cap.....	1/2 in.
Face Milling Cap.....	3 in.
Draw Bar Diameter.....	7/16 in.
Draw Bar TPI.....	7/16 - 20
Draw Bar Length.....	13-1/2 in.
Spindle Bearings.....	Tapered Roller

Lead Screw Info

Lead Screw Diameter.....	0.935 in.
Lead Screw TPI.....	10
Lead Screw Length.....	X-30, Y-15-3/4 in.

Construction

Spindle Housing Const.....	Cast Iron
Table Const.....	Ground Cast Iron
Head Const.....	Cast Iron
Column Const.....	Ground Cast Iron
Base Const.....	Cast Iron
Paint.....	Enamel

Other

Collars Calibrated.....	0.001 in.
Column Dia.....	3-5/8 in.
Optional Stand.....	G5943
Mobile Base.....	G7314Z

Other Specifications:

ISO Factory	ISO 9001
Country Of Origin	China
Warranty	1 Year
Serial Number Location	Machine Label on Head Casting
Assembly Time	30 minutes
Sound Rating	80 dB

Features:

- Head Swivels 360 deg.
- Front Mounted On/Off Switch with Thermal Overload Protection
- Excellent Speed Range
- Extremely Quiet Machine
- Easy Clutch-Type Mechanism for Engaging Fine Down-Feed
- Positive Quill Lock
- Adjustable Gibs on Table and Saddle
- Adjustable Stops on Table
- Spindle Supported by Heavy Duty, Tapered Roller Bearings
- Graduations in Inches

Accessories Included:

- 1/2" Drill Chuck and key
- 2-1/2" Carbide-Tipped Face Mill and R-8 Arbor
- 3-1/2" Angle Drill Vise