



MACHINE DATA SHEET

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

MODEL G1007 MILL/DRILL W/ VARIABLE SPEED POWER FEED

Product Dimensions:

Weight..... 566 lbs.
Length/Width/Height..... 50 x 40 x 48-1/2 in.
Foot Print (Length/Width)..... 24 x 16 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 686 lbs.
Length/Width/Height..... 38 x 30 x 46 in.

Electrical:

Switch..... Push Button with Thermal Overload Protection
Switch Voltage..... 110V
Cord Length..... 6 ft.
Cord Gauge..... 14 gauge
Minimum Circuit Size..... 20 amps at 110V, 15 amps at 220V
Plug Included..... Yes

Motors:

Main

Type..... TEFC Capacitor Start Induction
Horsepower..... 2 HP
Voltage..... 110/220V
Prewired..... 110V
Phase..... Single
Amps..... 18/9A
Speed..... 1725 RPM
Cycle..... 60 Hz
Number Of Speeds..... 1
Power Transfer Belt Drive
Bearings..... Shielded, Permanently Lubricated

Main Specifications:

Operation Info

Spindle Travel.....	5 in.
Swing.....	15-7/8 in.
Longitudinal Table Travel.....	23-1/2 in.
Cross Table Travel.....	7 in.
Ram Travel.....	12 in.
Head Travel.....	5-1/4 in.
Head Swivel.....	360 deg.
Max. Dist Spindle To Column.....	8 in.
Max. Dist Spindle To Table.....	18 in.
Drilling Cap For Cast Iron.....	1-1/4 in.
Drilling Cap For Steel.....	1-1/4 in.
No. Of Vert. Spindle Speeds.....	12
Range Of Vert. Spindle Speeds.....	150, 225, 255, 350, 400, 500, 850, 1200, 1500, 1600, 2300, 3000 RPM
No. Of Longitudinal Feeds.....	Variable
Feed Rate.....	0 - 140 RPM
Quill Dia.....	2.950 in.

Table Info

Table Length.....	32 in.
Table Width.....	9-1/2 in.
Table Thickness.....	1-7/8 in.
No. Of T Slots.....	4
T Slots Width.....	0.625 in.
T Slots Height.....	7/8 in.
T Slots Centers.....	2-1/16 in.
Stud Size.....	1/2 in.

Spindle Info

Spindle Taper.....	R-8
End Milling Cap.....	3/4 in.
Face Milling Cap.....	3 in.
Draw Bar Diameter.....	7/16 in.
Draw Bar TPI.....	7/16 - 20
Draw Bar Length.....	16-1/2 in.
Spindle Bearings.....	Tapered Roller

Lead Screw Info

Lead Screw Diameter.....	15/16 in.
Lead Screw TPI.....	10
Lead Screw Length.....	36 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.....	Epoxy

Other

Collars Calibrated.....	0.001 in.
Column Dia.....	4-1/2 in.
Optional Stand.....	G5944
Mobile Base.....	G7314Z

Other Specifications:

ISO Factory ISO 9001
Country Of Origin China
Warranty 1 Year
Serial Number Location ID Label on Head Casting
Assembly Time 1-1/2 hours

Features:

Clutch-Type Downfeed Mechanism
Graduations in Inches
Exclusive Fine Downfeed is Graduated in .001" and is Engaged by Clutch-Type Mechanism
Heavy Duty 12 Speed Tapered Roller Bearing Spindle
Top Quality Workmanship Throughout
Push Button Switch with Thermal Overload Protector
Servo-Type Variable Speed Power Feed Table, Mounted on Left Side

Accessories Included:

1/2" Drill Chuck
3" Angle Vise
3" Face Mill