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.
Width (side-to-side) x Depth (front-to-back) x Height	50 x 40 x 48-1/2 in.
Footprint (Length x Width)	24 x 16 in.
Space Required for Full Range of Movement (Width x Depth)	50 x 40 in.

Shipping Dimensions:

Type	Wood Crate
Content	Machine
Weight	629 lbs.
Length x Width x Height	38 x 30 x 49 in.
Must Ship Upright	Yes

Electrical:

Power Requirement	110V or 220V, Single-Phase, 60 Hz
Prewired Voltage	110V
Full-Load Current Rating	18A at 110V, 9A at 220V
Minimum Circuit Size	20A at 110V, 15A at 220V
Connection Type	Cord & Plug
Power Cord Included	Yes
Power Cord Length	6 ft.
Power Cord Gauge	14 AWG
Plug Included	Yes
Included Plug Type	5-15 for 110V
Recommended Plug Type	6-15 for 220V
Switch Type	Push Button with Overload Protection

Motors:

Main

Horsepower	2 HP
Phase	Single-Phase
Amps	18A/9A
Speed	1725 RPM
Type	TEFC Capacitor-Start Induction
Power Transfer	Belt Drive
Bearings	Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type	External

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Main Specifications:

Operation Info

Spindle Travel	5 in.
Max Distance Spindle to Column	8 in.
Max Distance Spindle to Table	18 in.
Longitudinal Table Travel (X-Axis)	23-1/2 in.
Cross Table Travel (Y-Axis)	7 in.
Vertical Head Travel (Z-Axis)	5-1/4 in.
Ram Travel	12 in.
Drilling Capacity for Cast Iron	1-1/4 in.
Drilling Capacity for Steel	1-1/4 in.
End Milling Capacity	3/4 in.
Face Milling Capacity	3 in.

Table Info

Table Length	32 in.
Table Width	9-1/2 in.
Table Thickness	1-7/8 in.
Number of T-Slots	4
T-Slot Size	5/8 in.
T-Slots Centers	2-1/16 in.
Number of Longitudinal Feeds	Variable
X-Axis Table Power Feed Rate	0 – 11.67 FPM
X/Y-Axis Travel per Handwheel Revolution	0.100 in.

Spindle Info

Spindle Taper	R-8
Number of Vertical Spindle Speeds	12
Range of Vertical Spindle Speeds	150 – 3000 RPM
Quill Diameter	2.950 in.
Drawbar Thread Size	7/16-20
Drawbar Length	16-1/2 in.
Spindle Bearings	Tapered Roller Bearings

Construction

Spindle Housing/Quill	Cast Iron
Table	Ground Cast Iron
Head	Cast Iron
Column/Base	Ground Cast Iron
Base	Cast Iron
Paint Type/Finish	Enamel

Other

Optional Stand	G5944
Recommended Mobile Base	D2057A

Other Specifications:

Country of Origin	China
Warranty	1 Year
Approximate Assembly & Setup Time	1-1/2 Hours
Serial Number Location	ID Label on Head Casting
ISO 9001 Factory	Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL)	No

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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

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