MACHINE DATA SHEET

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

MODEL G0983 6" X 27" VARIABLE-SPEED MILL/DRILL, 3-AXIS DRO & POWER FEED

Product Dimensions:

Weight..... 337 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 42-1/2 x 24-1/2 x 65-1/2 in.
Footprint (Length x Width)..... 22 x 14-1/2 in.
Space Required for Full Range of Movement (Width x Depth)..... 64 x 26-1/2 in.

Shipping Dimensions:

Carton #1

Type..... Wood Crate
Content..... Machine
Weight..... 322 lbs.
Length x Width x Height..... 46 x 29 x 36 in.
Must Ship Upright..... Yes

Carton #2

Type..... Cardboard Box
Content..... Stand
Weight..... 62 lbs.
Length x Width x Height..... 24 x 21 x 35 in.
Must Ship Upright..... Yes

Electrical:

Power Requirement..... 110V, Single-Phase, 60Hz
Full-Load Current Rating..... 11A
Minimum Circuit Size..... 15A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 72 in.
Power Cord Gauge..... 16 AWG
Plug Included..... Yes
Included Plug Type..... 5-15
Switch Type..... ON/OFF Button

Motors:

Main

Horsepower..... 1 HP
Phase..... Single-Phase
Amps..... 11A
Speed..... 4000 RPM
Type..... Universal
Power Transfer ..... Belt
Bearings..... Sealed & Permanently Lubricated

The information contained herein is deemed accurate as of 11/16/2026 and represents our most recent product specifications. Due to our ongoing improvement efforts, this information may not accurately describe items previously purchased.

Main Specifications:

Operation Info

Spindle Travel	2-3/4 in.
Max Distance Spindle to Column	6-1/2 in.
Max Distance Spindle to Table	12-3/8 in.
Longitudinal Table Travel (X-Axis)	19-3/4 in.
Cross Table Travel (Y-Axis)	6-1/2 in.
Vertical Head Travel (Z-Axis)	9-1/4 in.
Drilling Capacity for Cast Iron	3/4 in.
Drilling Capacity for Steel	5/8 in.
End Milling Capacity	5/8 in.
Face Milling Capacity	2 in.

Table Info

Table Length	27-1/2 in.
Table Width	6-3/8 in.
Table Thickness	1-5/16 in.
Table Height (from Floor/Base)	6 in.
Table Weight Capacity	66 lbs.
Number of T-Slots	3
T-Slot Size	12mm
T-Slots Centers	1-9/16 in.
X-Axis Table Power Feed Rate	4 - 14 in/min
X/Y-Axis Travel per Handwheel Revolution	0.10 in.
Z-Axis Travel per Handwheel Revolution	0.05 in.

Spindle Info

Spindle Taper	R-8
Number of Vertical Spindle Speeds	Variable
Range of Vertical Spindle Speeds	100 - 2000 RPM
Quill Diameter	2.36 in.
Drawbar Thread Size	7/16-20
Drawbar Length	11-3/16
Horizontal Spindle Bearing Type	Tapered Roller Bearings

Construction

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

Other Specifications:

Country of Origin	China
Warranty	1 Year
Approximate Assembly & Setup Time	1 Hour
Serial Number Location	ID Label
ISO 9001 Factory	Yes

Features:

Backlit 3-Axis DRO
Z-Axis DRO for Spindle
LED Mirror Display
Dovetail Column w/ 0.0005" Graduated Handwheel
FWD/REV Spindle
Manual Fine Down Feed Control
Three 12mm T-Slots
Variable Speed X-Axis Power Feed
R-8 Spindle Taper
Clear Chip Guard w/Safety Switch

Accessories Included:

Spindle Wrench
Hex Wrenches 3, 4, 5, 6, 8mm
Open-End Wrenches 8/10, 14/17, 17/19mm
Two M12-1.75 T-Slot Nuts
Oil Bottle
Tool Box
JT6 Drill Chuck 1/8" - 5/8"
Arbor R-8 x JT6