



CORPORATE HEADQUARTERS

P.O. BOX 2069, BELLINGHAM, WA, U.S.A.

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Introducing the Grizzly Model G0822 Variable-Speed Milling Machine w/Power Feed



MACHINE HIGHLIGHTS (*see Machine Data Sheet for full specifications*)

- 2 HP, 3-phase motor runs on a 15A, 220V single-phase power supply, using innovative VFD (Variable-Frequency Drive) technology.
- 6 $\frac{1}{8}$ " x 26" precision-ground cast-iron table with built-in longitudinal power feed.
- Table travels 14 $\frac{1}{4}$ " in X-axis, 6" in Y-axis, and 11" in Z-axis, and has three $\frac{1}{2}$ " T-slots.
- Head tilts and swivels 45° left and right, and features hand-crank Z-axis travel on a large dovetailed column.
- R-8 spindle with variable speeds from 100–2500 RPM, forward/reverse spindle control, and coarse/fine downfeed with adjustable stop.
- 3" spindle travel, 10 $\frac{1}{2}$ " swing, and 11" max distance from spindle to table.
- Features digital RPM readout, cooling motor fan, LED worklight, one-shot oiler, chuck guard, lockable quill, 1–13mm drill chuck, and tapered-roller spindle bearings.
- Weighs approximately 810 lbs.

The Model G0822 is available for \$3395 and is covered by a one-year warranty. For more information call **1-800-523-4777** or visit **www.grizzly.com**.



MACHINE DATA SHEET

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

MODEL G0822 VARIABLE-SPEED MILLING MACHINE WITH POWER FEED

Product Dimensions:

Weight.....	810 lbs.
Width (side-to-side) x Depth (front-to-back) x Height.....	45 x 41 x 68 in.
Footprint (Length x Width).....	21 x 28 in.
Space Required for Full Range of Movement (Width x Depth).....	59 x 39-1/2 in.

Shipping Dimensions:

Type.....	Wood Crate
Content.....	Machine/Stand
Weight.....	914 lbs.
Length x Width x Height.....	40 x 37 x 74 in.
Must Ship Upright.....	Yes

Electrical:

Power Requirement.....	220V, Single-Phase, 60 Hz
Full-Load Current Rating.....	6.4A
Minimum Circuit Size.....	15A
Connection Type.....	Cord & Plug
Power Cord Included.....	Yes
Power Cord Length.....	6 ft.
Power Cord Gauge.....	14 AWG
Plug Included.....	Yes
Included Plug Type.....	6-15
Switch Type.....	ON/OFF Push Button Switch
Inverter Type.....	Delta VFD-E
Inverter Size.....	2 HP

Motors:

Main

Type.....	TEFC Induction
Horsepower.....	2 HP
Phase.....	3-Phase
Amps.....	6.4A
Speed.....	Variable
Power Transfer	V-Belt Drive
Bearings.....	Shielded & Permanently Lubricated

Main Specifications:

Operation Info

Spindle Travel.....	3 in.
Max Distance Spindle to Column.....	5-1/4 in.
Max Distance Spindle to Table.....	11 in.
Longitudinal Table Travel (X-Axis).....	14-1/4 in.
Longitudinal Leadscrew (X-Axis).....	36 in.
Cross Table Travel (Y-Axis).....	6 in.
Cross Leadscrew (Y-Axis).....	14-3/4 in.
Vertical Table Travel (Z-Axis).....	11 in.
Vertical Leadscrew (Z-Axis).....	17 in.
Turret or Column Swivel (Left /Right).....	45 deg.
Head Tilt (Left/Right).....	45 deg.
Drilling Capacity for Cast Iron.....	1 in.
Drilling Capacity for Steel.....	3/4 in.
End Milling Capacity.....	3/4 in.
Face Milling Capacity.....	3 in.

Table Info

Table Length.....	26 in.
Table Width.....	6-1/8 in.
Table Thickness.....	1-3/4 in.
Table Height (from Floor/Base).....	17-3/4 in.
Number of T-Slots.....	3
T-Slot Size.....	1/2 in.
T-Slots Centers.....	1-5/8 in.
X-Axis Table Power Feed Rate.....	0 – 3-3/8 FPM
X/Y-Axis Travel per Handwheel Revolution.....	0.1 in.
Z-Axis Travel per Handwheel Revolution.....	0.1 in.

Spindle Info

Spindle Taper.....	R-8
Number of Vertical Spindle Speeds.....	Variable
Range of Vertical Spindle Speeds.....	100 – 600 RPM (Low), 425 – 2500 RPM (High)
Quill Diameter.....	2.950 in.
Drawbar Thread Size.....	7/16-20 TPI
Drawbar Length.....	11-5/8 in.
Spindle Bearings.....	Tapered Roller Bearings

Construction

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

Other Specifications:

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

Features:

Variable Spindle Speeds: 100 – 600 RPM (Low), 425 – 2500 RPM (High)
Built-In LED Work Lamp
Inverter Allows 3-Phase Motor to Run on Single-Phase Power
Milling Head Fine Downfeed and Adjustable Depth Stop
Lockable Quill
3/4" Mild Steel Drilling Capacity
1" Cast Iron Drilling Capacity
Head Tilts 45 Degrees Both Ways; Head Swivels 45 Degrees Left and Right
Chuck Guard
One-Shot Lubrication
Tapered Roller Spindle Bearing
Precision-Ground Dovetail Vertical and Cross Ways
X-Axis Table with Power Feed

Accessories Included:

Drawbar 7/16"-20
Open-End Wrenches 12/14, 17/19mm
Toolbox
Drill Chuck B16 1 – 13mm
220V Emergency Stop Switch
Hex Wrenches 3, 4, 5, 6mm
Phillips & Flat Head Screwdrivers
Two T-Slot Bolts w/Nuts and Washers
Arbor R-8 x B16
Oil Gun