



CORPORATE HEADQUARTERS

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

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Introducing the Grizzly Model G0667X Extreme Series 9" x 48" Variable Speed Vertical Mill with Table Power Feed



**MADE IN
TAIWAN**

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

- 3 HP, 220V, 3-phase motor with built-in inverter uses 220V single-phase power source.
- Electronic variable speed spindle with a range from 60–5000 RPM and high-quality bearings.
- Longitudinal power feed with 135 in/lbs of torque.
- Hardened and ground lead screws with double-bronzed nuts.
- Built-in powered coolant system and one-shot pump lubrication of ways.
- Chromed quill with precision honed housing.
- Designed with great attention to detail and built with precision in Taiwan—weighs 2156 lbs.

The Model G0667X Extreme Series 9" x 48" Variable Speed Vertical Mill with Table Power Feed is available for \$8,100.00. As with all Grizzly products, the Model G0667X 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 G0667X 9" X 48" HIGH PRECISION VARIABLE-SPEED VERTICAL MILL

Product Dimensions:

Weight..... 2156 lbs.
 Length/Width/Height..... 57 x 71 x 87-1/2 in.
 Foot Print (Length/Width)..... 26 x 24 in.

Shipping Dimensions:

Type..... Wood Crate
 Content..... Machine
 Weight..... 2352 lbs.
 Length/Width/Height..... 58 x 54 x 73 in.

Electrical:

Power Requirement..... 220V Single-Phase 60Hz
 Minimum Circuit Size..... 15 amp
 Inverter Type..... Yaskawa V7AT23P7
 Inverter Size..... 5 HP
 Switch..... ON/OFF Toggle Magnetic w/Thermal Overload Protection
 Switch Voltage..... 220V
 Cord Length..... 6 ft.
 Cord Gauge..... 14 guage
 Plug Included..... No
 Recommended Plug/Outlet Type..... NEMA 6-15 or L6-15

Motors:

Spindle

Type..... TEFC Induction
 Horsepower..... 3 HP
 Voltage..... 220V
 Prewired..... 220V
 Phase..... Three
 Amps..... 8.5A
 Speed..... 1725 RPM
 Cycle..... 60 Hz
 Number Of Speeds..... 1
 Power Transfer Belt Drive
 Bearings..... Sealed and Lubricated

Longitudinal Power Feed

Type..... DC Universal
 Horsepower..... 1/10 HP
 Voltage..... 110V
 Prewired..... 110V
 Phase..... Single
 Amps..... 0.8A
 Speed..... 0 - 200
 Cycle..... 60 Hz
 Number Of Speeds..... Variable
 Power Transfer Direct Drive
 Bearings..... Shielded and Lubricated

Coolant Pump

Type.....	TEFC Induction
Horsepower.....	1/8 HP
Voltage.....	220V
Prewired.....	220V
Phase.....	Single
Amps.....	0.5A
Speed.....	3450 RPM
Cycle.....	60 Hz
Number Of Speeds.....	1
Power Transfer	Direct Drive
Bearings.....	Sealed and Lubricated

Main Specifications:

Operation Info

Spindle Travel.....	5 in.
Swing.....	37 in.
Longitudinal Table Travel.....	29 in.
Cross Table Travel.....	12 in.
Vert. Table Travel.....	16 in.
Knee Travel.....	16 in.
Ram Travel.....	13 in.
Ram Swivel Angle.....	360 deg.
Head Travel.....	5 in.
Head Swivel.....	Left and Right 90 deg.
Head Tilt.....	Left and Right 45 deg.
Turret Or Column Swivel.....	360 deg.
Max. Dist Spindle To Column.....	19 in.
Max. Dist Spindle To Table.....	18 in.
Drilling Cap For Cast Iron.....	1 in.
Drilling Cap For Steel.....	3/4 in.
No. Of Vert. Spindle Speeds.....	Variable
Range Of Vert. Spindle Speeds.....	60 - 5000 RPM
No. Of Longitudinal Feeds.....	Variable
Feed Rate.....	0 - 31-1/2 in./min.
Quill Dia.....	3.375 in.
Quill Feed Rates.....	0.0015, 0.003, 0.006 in.

Table Info

Table Length.....	48 in.
Table Width.....	9 in.
Table Thickness.....	1-3/4 in.
No. Of T Slots.....	3
T Slots Width.....	5/8 in.
T Slots Height.....	1 in.
T Slots Centers.....	2-1/2 in.
Stud Size.....	1/2 in.

Spindle Info

Spindle Taper.....	R-8
Spindle Size.....	1-13/16 in.
End Milling Cap.....	1 in.
Face Milling Cap.....	4 in.
Draw Bar Diameter.....	1/2 in.
Draw Bar TPI.....	20
Draw Bar Length.....	18-1/2 in.
Spindle Bearings.....	Angular Contact, P4 Class

Lead Screw Info

Lead Screw Diameter..... 1.25 in.
Lead Screw TPI.....5
Lead Screw Length..... 64 in.

Construction

Spindle Housing Const..... Cast Iron
Table Const..... Hardened and Precision Ground Cast Iron
Head Const..... Meehanite Cast Iron
Column Const..... Meehanite Cast Iron
Base Const..... Meehanite Cast Iron
Paint..... Urethane

Other

Collars Calibrated..... 0.220 in./rev.

Other Specifications:

Country Of Origin Taiwan
Warranty 1 Year
Serial Number Location ID Label on Ride Side of Column
Assembly Time 2 hours

Features:

- Built-In Single Phase to 3 Phase Power Inverter
- One-Shot Pump Table Lubrication
- Auto Down Feed
- Auto Stop with Micro Adjustable Stop
- Longitudinal Power Feed with 550 In./Lbs. Of Torque
- Spindle & Headstock Components Dynamically Balanced for Precision Milling
- Built-In Coolant System
- Heavy-Duty Spindle Brake
- High Precision Spindle w/P4 Class Angular Contact Ball Bearings
- Double-Bronzed Nut on X & Y Leadscrews for Ultra-Smooth Movement w/Minimal Backlash