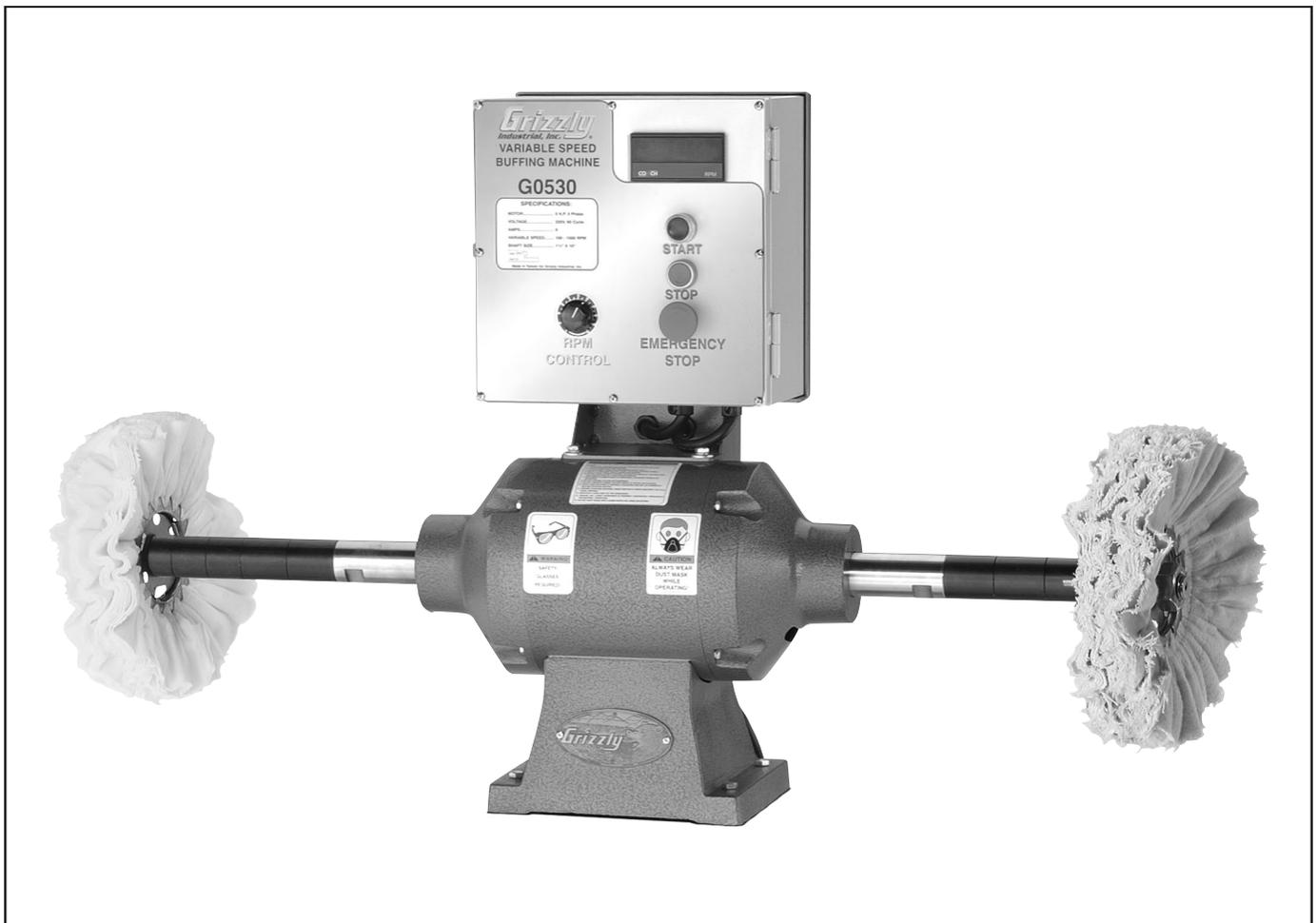


# *Grizzly* **Industrial, Inc.**®

## **VARIABLE SPEED BUFFER MODEL G0530 INSTRUCTION MANUAL**



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**WARNING: NO PORTION OF THIS MANUAL MAY BE REPRODUCED IN ANY SHAPE  
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#CR5679 REVISED APRIL 2005, PRINTED IN TAIWAN

# WARNING

Some dust created by power sanding, sawing, grinding, drilling, buffing, and other construction activities contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints.
- Crystalline silica from bricks, cement, and other masonry products.
- Arsenic and chromium from chemically treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

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# SECTION 1: SAFETY

## WARNING

### For Your Own Safety Read Instruction Manual Before Operating This Equipment

The purpose of safety symbols is to attract your attention to possible hazardous conditions. This manual uses a series of symbols and signal words which are intended to convey the level of importance of the safety messages. The progression of symbols is described below. Remember that safety messages by themselves do not eliminate danger and are not a substitute for proper accident prevention measures.



Indicates an imminently hazardous situation which, if not avoided, WILL result in death or serious injury.



Indicates a potentially hazardous situation which, if not avoided, COULD result in death or serious injury.



Indicates a potentially hazardous situation which, if not avoided, MAY result in minor or moderate injury. It may also be used to alert against unsafe practices.

**NOTICE**

This symbol is used to alert the user to useful information about proper operation of the equipment.

## WARNING

### Safety Instructions for Power Tools

1. **KEEP GUARDS IN PLACE** and in working order.
2. **REMOVE ADJUSTING KEYS AND WRENCHES.** Form a habit of checking to see that keys and adjusting wrenches are removed from tool before turning on.
3. **KEEP WORK AREA CLEAN.** Cluttered areas and benches invite accidents.
4. **NEVER USE IN DANGEROUS ENVIRONMENT.** DO NOT use power tools in damp or wet locations, or where any flammable or noxious fumes may exist. Keep work area well lighted.
5. **KEEP CHILDREN AND VISITORS AWAY.** All children and visitors should be kept at a safe distance from work area.
6. **MAKE WORKSHOP CHILD PROOF** with padlocks, master switches, or by removing starter keys.
7. **NEVER FORCE TOOL.** It will do the job better and safer at the rate for which it was designed.
8. **USE RIGHT TOOL.** DO NOT force tool or attachment to do a job for which it was not designed.

# WARNING

## Safety Instructions for Power Tools

- 9. USE PROPER EXTENSION CORD.** Make sure your extension cord is in good condition. Conductor size should be in accordance with the chart below. The amperage rating should be listed on the motor or control panel faceplate. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. Your extension cord must also contain a ground wire and plug pin. Always repair or replace extension cords if they become damaged.

Minimum Gauge for Extension Cords

AMP RATING	LENGTH		
	25ft	50ft	100ft
0-6	16	16	16
7-10	16	16	14
11-12	16	16	14
13-16	14	12	12
17-20	12	12	10
21-30	10	10	No

- 10. WEAR PROPER APPAREL.** DO NOT wear loose clothing, gloves, neckties, rings, bracelets, or other jewelry which may get caught in moving parts. Non-slip footwear is recommended. Wear protective hair covering to contain long hair.
- 11. ALWAYS USE A SAFETY FACE SHIELD.** Also use a respirator. Everyday eyeglasses are NOT safety glasses, and paper dust masks are not respirators.
- 12. SECURE WORK.** Use clamps or a vise to hold a small workpiece work when practical.
- 13. DO NOT OVER-REACH.** Keep proper footing and balance at all times.
- 14. MAINTAIN TOOLS WITH CARE.** Keep tools clean and in adjustment for the best and safest performance. Follow instructions for changing accessories and lubricating.
- 15. USE RECOMMENDED ACCESSORIES.** Consult the owner's manual for recommended accessories. The use of improper accessories may cause risk of injury.

- 16. REDUCE THE RISK OF UNINTENTIONAL STARTING.** On machines with magnetic contact starting switches there is a risk of starting if the machine is bumped or jarred. Always disconnect from power source before adjusting or servicing. Make sure switch is in OFF position before reconnecting.
- 17. CHECK DAMAGED PARTS.** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced.
- 18. NEVER LEAVE TOOL RUNNING UNATTENDED. TURN POWER OFF.** DO NOT leave tool until it comes to a complete stop.
- 19. NEVER OPERATE A MACHINE WHEN TIRED, OR UNDER THE INFLUENCE OF DRUGS OR ALCOHOL.** Full mental alertness is required at all times when running a machine.
- 20. NEVER ALLOW UNSUPERVISED OR UNTRAINED PERSONNEL TO OPERATE THE MACHINE.** Make sure any instructions you give in regards to machine operation are approved, correct, safe, and clearly understood.
- 21. IF AT ANY TIME YOU ARE EXPERIENCING DIFFICULTIES** performing the intended operation, stop using the machine! Then contact our service department or ask a qualified expert how the operation should be performed.

## **WARNING**

# Additional Safety Instructions for Buffers

1. **ALWAYS WEAR** a face shield.
2. **SECURE THIS BUFFER** firmly to the floor or a stand.
3. **NEVER INSTALL A GRINDING WHEEL ON THIS BUFFER.** It is strictly designed for buffing and polishing only.
4. **DO NOT STAND DIRECTLY IN FRONT OF THE** buffer wheel when turning the machine *ON*, or when buffing.
5. **DO NOT JAM WORK AGAINST THE BUFFING WHEEL.** Slowly ease the work into the buffing wheel.
6. **ALLOW THE WHEEL TO REACH FULL SPEED** before introducing the workpiece.
7. **DO NOT ALLOW YOUR HANDS TO COME INTO CONTACT WITH THE BUFFING WHEEL.** Abrasive accessories are designed to remove material that is harder than your skin very quickly.
8. **NEVER PERFORM ANY ADJUSTMENT OR MAINTENANCE PROCEDURE** while the buffer is connected to power.
9. **NEVER BUFF MATERIAL FROM THE REAR OF THE MACHINE.**
10. **NEVER LEAVE THE BUFFER RUNNING UNATTENDED.**
11. **NEVER ATTEMPT TO BUFF SMALL PARTS.** If you cannot hold small parts securely, do not buff them with this machine. Secure them with clamps or similar jigs or use a smaller buffer.
12. **BUFFING CAN PRODUCE LARGE AMOUNTS OF DUST.** Be sure to wear the appropriate respirator to prevent breathing harmful particles. Follow the respirator instructions for use.
13. **BE AWARE OF MAXIMUM SPEEDS FOR THE BUFFING WHEELS.** Never exceed the maximum speed listed on each buffing/polishing wheel.
14. **ALWAYS REMOVE THE WORKPIECE** from the buffing wheel before you adjust the RPM while buffing.
15. **NEVER BUFF** a workpiece with protruding nails, loose knots, large splinters, and any other condition that may cause the buffing wheel to grab and project the workpiece or object.

## **WARNING**

Unfamiliarity with this manual could result in serious personal injury. Read and become familiar with the contents of this manual, including all the safety warnings.

## **WARNING**

No list of safety guidelines can be complete. Operating this machinery may require additional safety precautions specific to your shop environment. Failure to use reasonable caution while operating this machine could result in serious personal injury.

# SECTION 2: INTRODUCTION

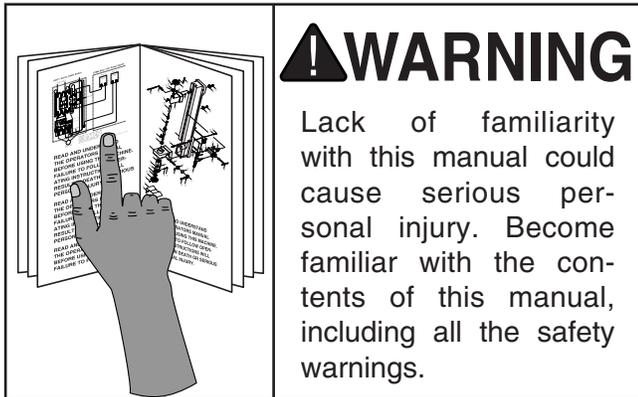
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## Commentary

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### **!WARNING**

Lack of familiarity with this manual could cause serious personal injury. Become familiar with the contents of this manual, including all the safety warnings.

We are proud to offer the Model G0530 Variable Speed Buffer. This machine is part of a growing Grizzly family of fine woodworking and metalworking machinery. When used according to the guidelines set forth in this manual, you can expect years of trouble-free, enjoyable operation and proof of Grizzly's commitment to customer satisfaction.

We are pleased to provide this manual with the Model G0530. It was written to guide you through assembly, review safety considerations, and cover general operating procedures. It represents our effort to produce the best documentation possible. If you have any comments regarding this manual, please write to us at the address below:

Grizzly Industrial, Inc.  
% Technical Documentation  
P.O. Box 2069  
Bellingham, WA 98227-2069

Most importantly, we stand behind our machines. If you have any service questions or parts requests, please call or write us at the location listed below.

Grizzly Industrial, Inc.  
1203 Lycoming Mall Circle  
Muncy, PA 17756  
Phone: (570) 546-9663  
Fax: (800) 438-5901  
E-Mail: [techsupport@grizzly.com](mailto:techsupport@grizzly.com)  
Web Site: <http://www.grizzly.com>

The specifications, drawings, and photographs illustrated in this manual represent the Model G0530 as supplied when the manual was prepared. However, owing to Grizzly's policy of continuous improvement, changes may be made at any time with no obligation on the part of Grizzly. For your convenience, we always keep current Grizzly manuals available on our website at [www.grizzly.com](http://www.grizzly.com). Any updates to your machine will be reflected in these manuals as soon as they are complete. Visit our site often to check for the latest updates to this manual!



# SECTION 3: CIRCUIT REQUIREMENTS

## 220V 3-Phase

### **!WARNING**

Serious personal injury could occur if you connect your machine to the power source before you have completed the set up process. **DO NOT** connect the machine to the power source until instructed to do so.

#### **Wiring**

The Model G0530 is prewired for 220V 3-phase operation.

#### **Amperage Draw**

The Model G0530 has a 5 HP motor that will draw the following amps at 220V 3-phase:

Buffer Motor..... 15 Amps

#### **Circuit Breaker Requirements**

Install the machine on a dedicated circuit to reduce the possibility of overloading the circuit and tripping the circuit breaker.

If the circuit breaker trips and the circuit is of the correct load capacity, have the circuit inspected by qualified electrician. Never use a larger circuit breaker than stated below, or you will increase the risk of fire.

Circuit Breaker..... 15 Amp, 3 Pole

#### **Minimum Cord Requirements**

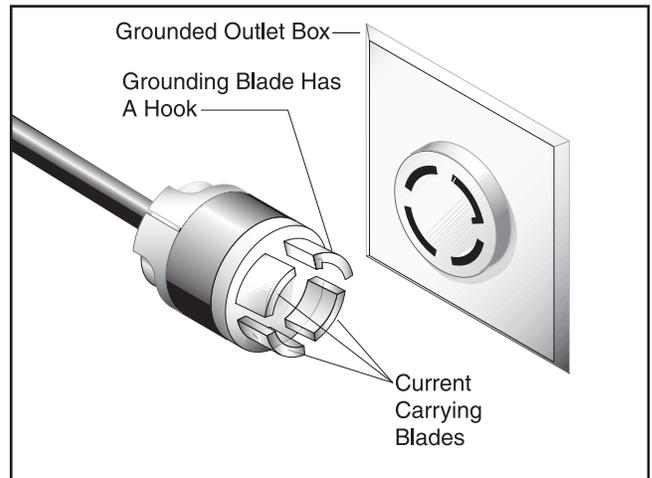
For 220V 3-phase operation, use the following type of cord (a cord is not provided):

Cord.....3 pole, 4 wire  
Gauge..... 14

#### **Plug Type**

The plug you install on your cord will depend upon the type of service you currently have or plan to install. We recommend using the following plug and receptacle for your machine on a dedicated circuit only (see **Figure 1** for an example):

Plug & Receptacle..... L15-30



**Figure 1.** Typical locking type L15-30 plug and receptacle.

#### **Your Shop Circuit Capacity**

Always check to see if the wires in your circuit are capable of handling the amperage draw from your machine, as well as any other machines that could be operating on the same circuit. If you are unsure, consult a qualified electrician.

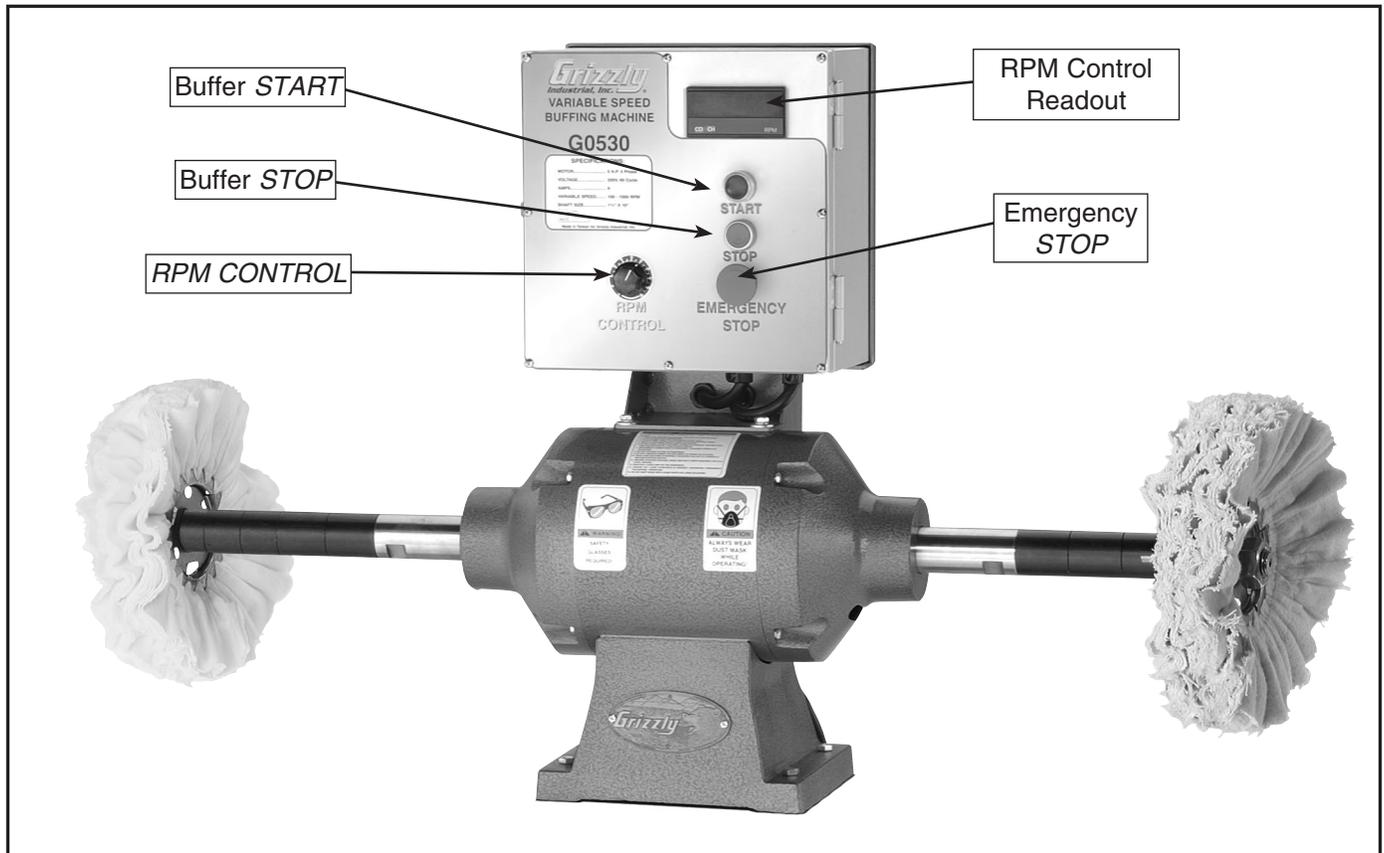
### **!CAUTION**

A fire may occur if your particular electrical configuration does not comply with local and state codes. The best way to ensure compliance is to check with your local municipality or a licensed electrician.



# SECTION 4: MACHINE FEATURES

Set up and operation instructions will be easier to understand if you become familiar with the location and names of the machine controls shown in **Figure 2**.



**Figure 2.** Machine features.



# SECTION 5: SET UP

## G0530 Inventory

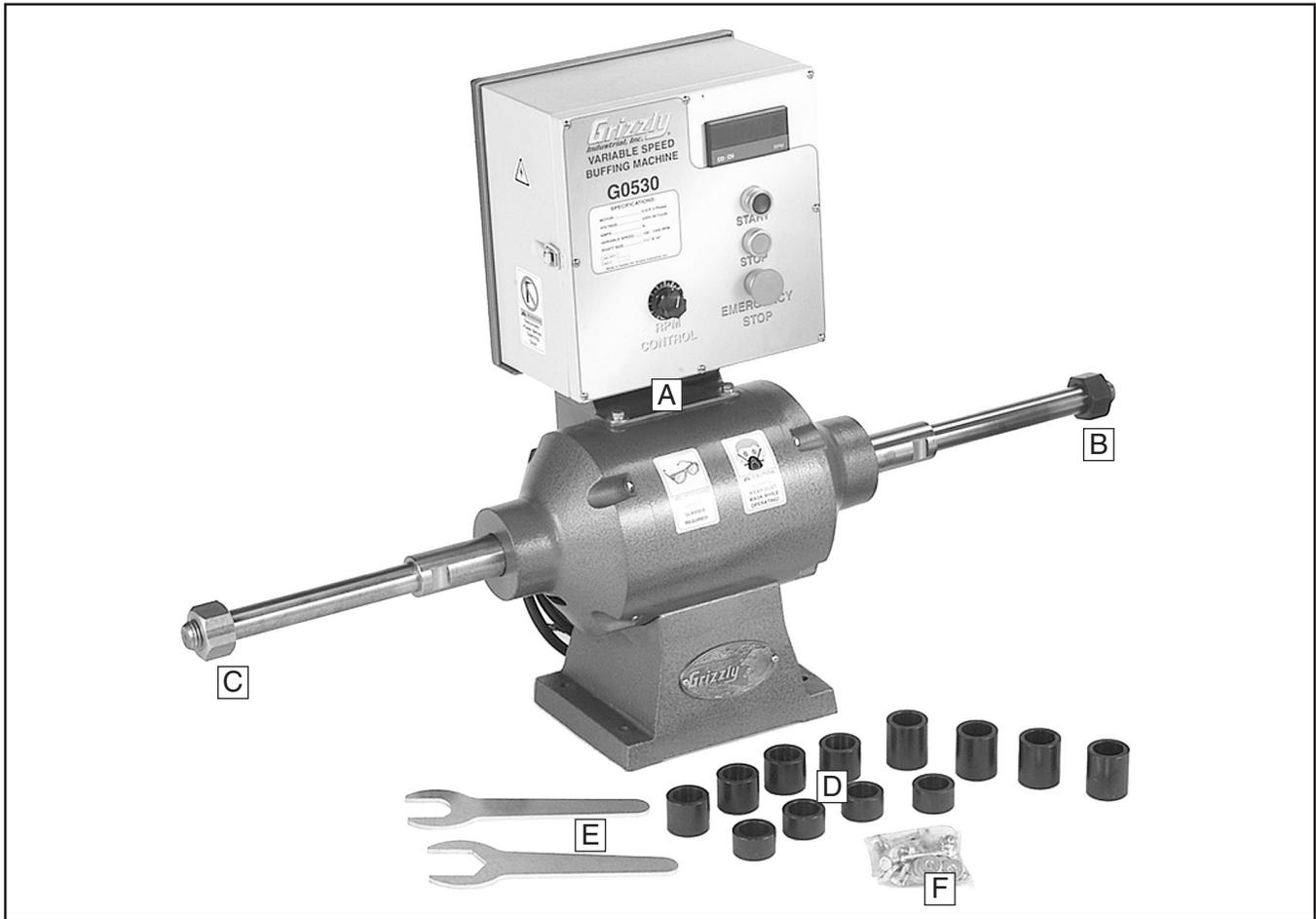


Figure 3. Parts inventory.

DESCRIPTION	QTY
A. Buffing motor and control box .....	1
B. RH Thread Arbor Nut 1¼"-7 .....	1
C. LH Thread Arbor Nut 1¼"-7 .....	1
D. Spacers	
— Spacer (1") .....	4
— Spacer (1½") .....	4
— Spacer (2") .....	4
E. Wrenches	
— Open End Wrench (1½") .....	1
— Open End Wrench (2") .....	1

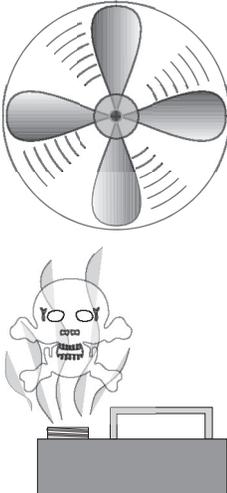
DESCRIPTION	QTY
F. Bolt Bag (For mounting to optional stand)	
— Hex Head Bolts 5/16"-18 x 2" .....	4
— Flat Washers 5/16" .....	8
— Lock Washers 5/16" .....	4
— Hex Nuts 5/16"-18 .....	4

# Clean Up

The arbor shafts are coated with a wax or oil to prevent rusting during shipment. Clean all coated parts with a solvent cleaner or citrus-based degreaser such as Grizzly's G7895 Degreaser. Avoid chlorine-based solvents as they may damage painted surfaces should they come in contact.

	<p><b>!WARNING</b> Gasoline and petroleum products have low flash points and could explode if used to clean machinery. <b>DO NOT</b> use gasoline or petroleum products to clean the machinery.</p>
---	---

	<p><b>!WARNING</b> Smoking near solvents could ignite an explosion or fire and cause serious injury. <b>DO NOT</b> smoke while using solvents.</p>
--	--

	<p><b>!WARNING</b> Lack of ventilation while using solvents could cause serious personal health risks, fire, or environmental hazards. Always work in a well ventilated area to prevent the accumulation of dangerous fumes. Supply the work area with a constant source of fresh air.</p>
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# Site Considerations

## Weight Load

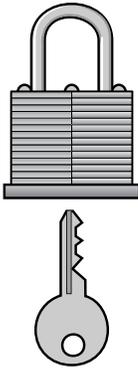
The Model G0530 weighs approximately 275 lbs. Most shop floors should be sufficient to carry the weight of the machine. Reinforce the floor if you question its ability to support the weight.

## Working Clearance

Working clearances can be thought of as the distances between machines and obstacles that allow safe operation of every machine without limitation. Consider existing and anticipated machine needs, size of material to be processed through each machine, and space for auxiliary stands or work tables. Also, consider the relative position of each machine to one another for efficient material handling.

## Lighting and Outlets

Lighting should be bright enough to eliminate shadow and prevent eye strain. Electrical circuits should be dedicated or large enough to handle the amperage draw. Outlets should be located near each machine so power or extension cords are clear of high-traffic areas. Observe local electrical codes for proper installation of new lighting, outlets, or circuits.

	<p><b>!WARNING</b> Unsupervised children and visitors inside your shop could receive serious personal injury. Ensure child and visitor safety by keeping all entrances to the shop locked at all times. <b>DO NOT</b> allow unsupervised children or visitors in the shop at any time.</p>
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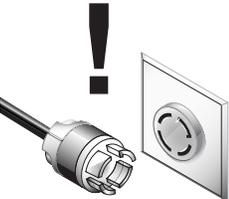
# Assembly

This section will cover the basic assembly and adjustment instructions needed to begin operation. Complete the assembly in the order provided in this manual and then read the remaining portion of the manual before attempting any type of operation.

Your safety is important! Please follow the warnings below during this entire section:



**!WARNING**  
Loose hair and clothing could get caught in machinery causing serious personal injury. Keep loose clothing rolled up and long hair tied up and away from machinery.



**!WARNING**  
Disconnect power to the machine during the entire assembly process. Failure to do this may result in serious personal injury.



**!WARNING**  
Projectiles thrown from the machine could cause serious eye injury. Wear safety glasses during assembly.



# Mounting Buffer to Workbench or Stand



**!CAUTION**  
Get lifting help before beginning assembly. The Model G0530 is a heavy load at 275 pounds.

Components Needed:	Qty
Hex Head Bolts $\frac{5}{16}$ "-18 x 2" .....	4
Flat Washers $\frac{5}{16}$ " .....	8
Lock Washers $\frac{5}{16}$ " .....	4
Hex Nuts $\frac{5}{16}$ "-18 .....	4
Buffer and Control Box .....	1

## Mounting the buffer to a workbench or stand:

1. Position the buffer on the workbench and use the holes in the base as a guide to drill mounting holes in the workbench.
2. Thread the bolts through the base of the buffer and the workbench or stand. Secure with flat washers, lock washers, and hex nuts.
3. Use the  $\frac{1}{2}$ " wrench and  $\frac{1}{2}$ " wrench or socket to secure the buffer motor to the workbench or stand. (**Figure 6**). If mounting to a stand, bolt the stand to the floor.

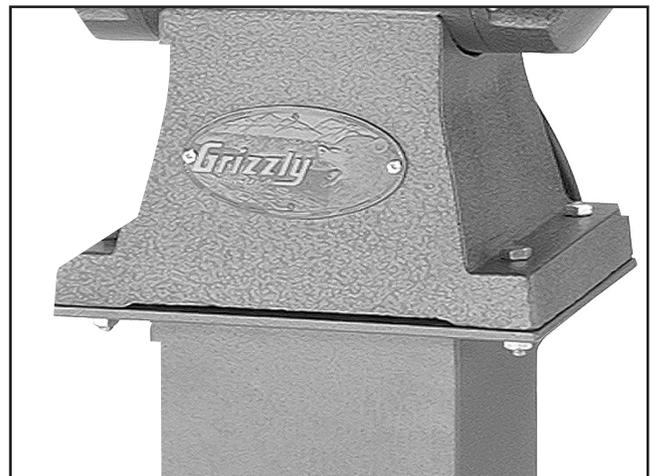


Figure 6. Buffer-to-stand installation.

# Buffing Wheel Installation

Buffing operations on your Model G0530 will vary. Depending on the type of material to be buffed, multiple buffing wheels will be necessary, and for other tasks, single wheels will be used.

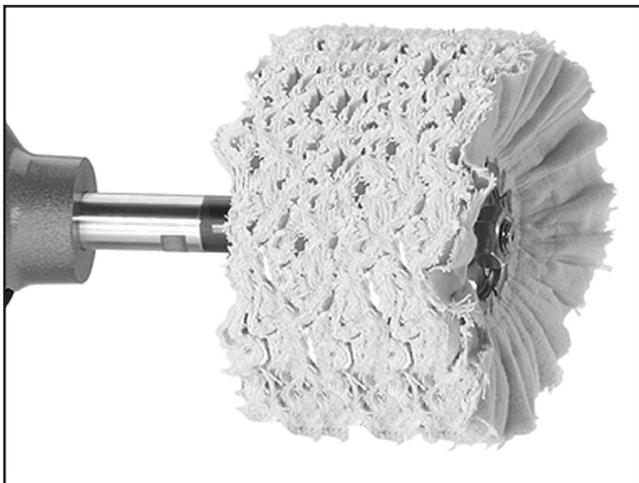
A variety of spacers have been provided to accommodate many combinations of buffing wheels (see **Figure 7** and **8**).

## NOTICE

*This machine is not a grinder and is not setup to accommodate grinding wheels. ONLY use buffing wheels on this machine.*



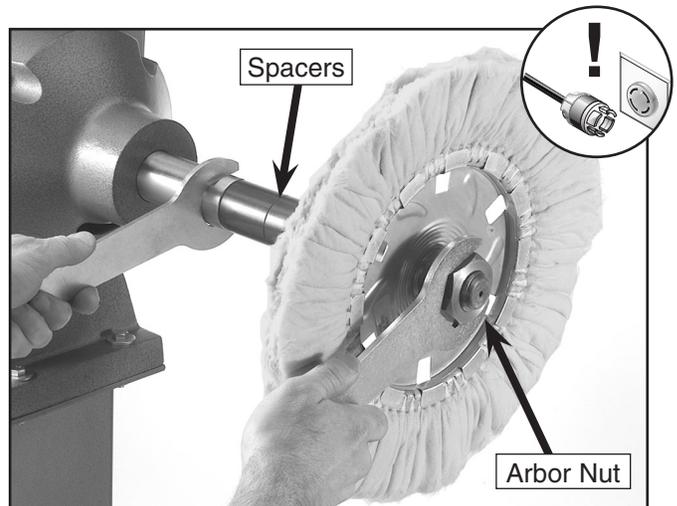
**Figure 7.** Multiple buffing wheel combinations.



**Figure 8.** Multiple buffing wheels stacked.

To install buffing wheels:

1. Unplug the buffer.
2. Remove the arbor nut and slide off the appropriate number of spacers based on the number of buffing wheels to be used
3. Install a series of spacers and then the buffing wheel(s).
4. Install one last spacer so the spacer overlaps onto the arbor threads and the arbor nut will clamp the buffing wheel(s) tightly without bottoming out against the un-threaded portion of the arbor.
5. Thread the arbor nut on to the arbor.
6. Use the arbor wrenches as shown in **Figure 9** to hold the shaft and tighten the arbor nut.



**Figure 9.** Single buffing wheel and spacers.



# SECTION 6: OPERATIONS

## Before Buffing

Your safety is important! Please follow the warnings below during this entire section:

Before buffing make sure:

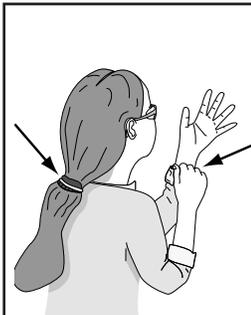
- The buffer is secured to the floor or workbench.
- All buffing wheels are securely mounted and the arbor nuts are tight.
- No tools or wrenches are on the buffing shaft or on top of the control box.
- Any safety curtains are in position.
- Inspect the workpiece for nails, loose knots, large splinters, and any other condition that may cause the buffing wheel to grab and project the workpiece or object.
- Understand which direction the buffing wheels turn.

### WARNING

To avoid serious personal injury, read and become familiar with this entire instruction manual before using the Model G0530.

### WARNING

Damage to your eyes, lungs, and ears could result from failure to wear safety glasses, a dust mask, and hearing protection while using this machine.



### WARNING

Loose hair and clothing could get caught in machinery and cause serious personal injury. Keep loose clothing rolled up and long hair tied up and away from machinery.

## Basic Buffing

Buffing operations on your Model G0530 will vary depending on the type of material to be buffed, the type of buffing wheel used, and the finished result you need.

Basic buffing operations:

1. Stand out of the way of the buffer, and turn the buffer *ON*.
2. Adjust the RPM to your needs and let the buffer achieve speed.
3. Stand firmly, and hold the workpiece with two hands or use a jig to hold the workpiece if too small.
4. DO NOT push a sharp edge or corner into the buffing wheel, which could grab the workpiece; instead slowly ease the workpiece into the buffing wheel.

### WARNING

If you must adjust the RPM during a buffing operation, **ALWAYS** remove the workpiece from the buffing surface first. **NEVER** remove one hand from the workpiece to adjust the RPM while holding the workpiece against the buffing wheel with the other hand. The buffing wheel can grab and project the workpiece, causing severe injury or death!

5. With smooth rotary motions and steady pressure, move the workpiece against the buffing wheel until the workpiece surface is buffed to your satisfaction.



# SECTION 7: REFERENCE INFO

## Assistance

If you need parts or help in assembling your machine, or if you need operational information, call the Grizzly Service Department. Trained service technicians will be glad to help you.

If you have any comments regarding this manual, please write to Grizzly at the address below:

Grizzly Industrial, Inc.  
 % Technical Documentation  
 P.O. Box 2069  
 Bellingham, WA 98227-2069

Important safety measures that are essential to the operation of this machine have been explained in *Section 1: Safety*. While most safety measures are generally universal, Grizzly reminds you that each workshop is different and safety rules should be considered as they apply to your specific situation.

We recommend you keep a copy of our current catalog for complete information regarding Grizzly's warranty and return policy. If you need additional technical information relating to this machine, or if you need general assistance or replacement parts, please contact the Service Department at the location listed below.

Grizzly Industrial, Inc.  
 1203 Lycoming Circle  
 Muncy, PA 17756  
 Phone: (570) 546-9663  
 Fax: (800) 438-5901  
 E-Mail: techsupport@grizzly.com  
 Web Site: <http://www.grizzly.com>

Additional information sources are necessary to realize the full potential of this machine. Trade journals, woodworking magazines, and your local library are good places to start.



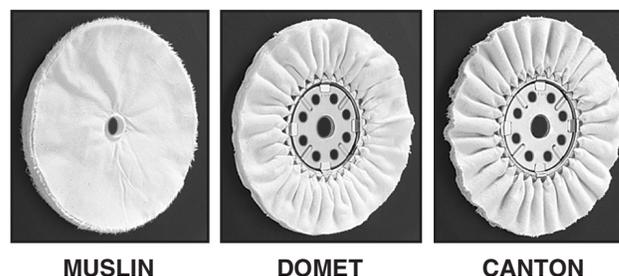
## Accessories

**BUFFING FLANGES**



These flanges are used to "sandwich" the buffing wheels to give them rigidity and to prolong wheel life. Sold in pairs.

**MODEL TYPE**  
**H2800:** 4" Diameter x 1 1/4"  
**H2799:** 6" Diameter x 1 1/4"



MODEL	TYPE	SIZE	MAXIMUM RPM
H2791	Muslin Buff	12"x1 1/4"x40 Ply	3,000
H2792	Muslin Buff	12"x1 1/4"x60 Ply	3,000
H2793	Domet Flannel	12"x1 1/4"x16 Ply	3,000
H2794	Canton Flannel	12"x1 1/4"x16 Ply	3,000
H2836	Muslin Buff	10"x1 1/4"x40 Ply	3,200
H2837	Muslin Buff	10"x1 1/4"x60 Ply	3,200
H2838	Domet Flannel	10"x1 1/4"x16 Ply	3,200
H2839	Canton Flannel	10"x1 1/4"x16 Ply	3,200

	Plastics Soft Metals			Thin Plating Gold Silver			Chrome & Nickel Plate			Copper Brass Aluminum			Iron Steel Stainless		
	R	F	P	R	F	P	R	F	P	R	F	P	R	F	P
Buff Style															
Loose Muslin-Soft			X			X			X			X			X
Loose Muslin-Hard										X		X	X		
Airway Hard	X								X			X			
Airway Soft			X			X			X			X			
Laminated Sisal										X			X		
Spiral Sewn		X						X			X			X	
Compound Type															
Tripoli	X							X		X					
Dark Rouge						X		X		X	X				X
White Rouge		X	X												
Black Rouge													X	X	

Buffing Sequence: R = Rough F = Final Cut, Initial Polish P = Final Polish

BROWN – TRIPOLI PREPOLISH COMPOUND  
MODEL H0811

FINE HIGH GLOSS COMPOUND  
MODEL H0823

TAN – VERY FINE HIGH GLOSS COMPOUND  
MODEL H0815

WHITE – PREPOLISH COMPOUND  
MODEL H0822

GREEN – PREPOLISH FOR ALUMINUM & STAIN-  
LESS STEEL MODEL H0812

YELLOW – FINE POLISHING COMPOUND  
MODEL H0813

HIGH GLOSS COMPOUND FOR STAINLESS STEEL  
MODEL H0824

WHITE POLISHING COMPOUND  
FOR POLYESTER FINISHES  
MODEL H0814

COARSE PREPOLISHING PASTE  
MODEL H0816

MEDIUM PREPOLISHING PASTE  
MODEL H0817

FINE PREPOLISHING PASTE  
MODEL H0818

MEDIUM PREPOLISH LIQUID  
MODEL H4873

HIGH GLOSS LIQUID POLISHING COMPOUND  
MODEL H0821





# MACHINE DATA SHEET

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

## MODEL G0530 VARIABLE SPEED BUFFER

**Design Type:**..... Bench Model

**Overall Dimensions:**

Height..... 56<sup>1</sup>/<sub>8</sub>"  
 Width..... 45<sup>1</sup>/<sub>4</sub>"  
 Depth..... 9<sup>1</sup>/<sub>4</sub>"  
 Shipping Weight..... 270 lbs.  
 Net Weight..... 200 lbs.  
 Box Size..... 48" L x 12" x 33"  
 Box Size..... 20" L x 18" x 31"  
 Footprint..... 17<sup>3</sup>/<sub>4</sub>" x 15<sup>3</sup>/<sub>4</sub>"

**Shaft:**

Main..... 1<sup>1</sup>/<sub>4</sub>" x 10"  
 Total Length Each..... 13<sup>3</sup>/<sub>4</sub>"

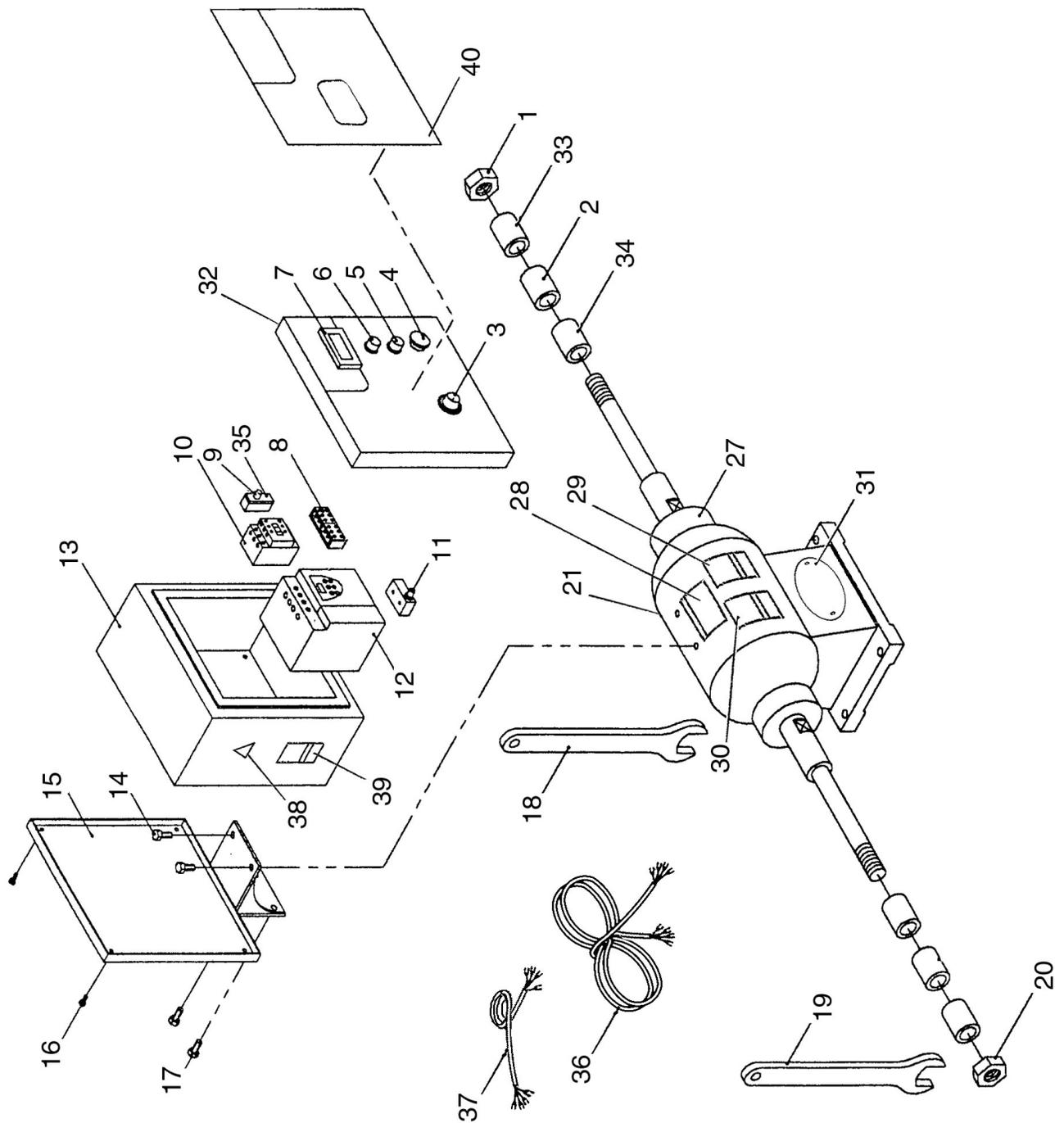
**Motor:**

Type..... TEFC Induction  
 Horsepower..... 5 HP  
 Phase / Voltage..... 3 Phase / 220V  
 Amps..... 15  
 Cycle / RPM..... 60 Hertz / 100-1500 RPM Variable  
 Bearings..... Shielded & Permanently Lubricated  
 Switch..... Control Panel with Emergency Stop

**Features:**

..... Variable Speed with Digital Readout  
 ..... Wheel Flanges  
 ..... 4 – 1" Bushings  
 ..... 4 – 1<sup>1</sup>/<sub>2</sub>" Bushings  
 ..... 4 – 2" Bushings

*Specifications, while deemed accurate, are not guaranteed.*



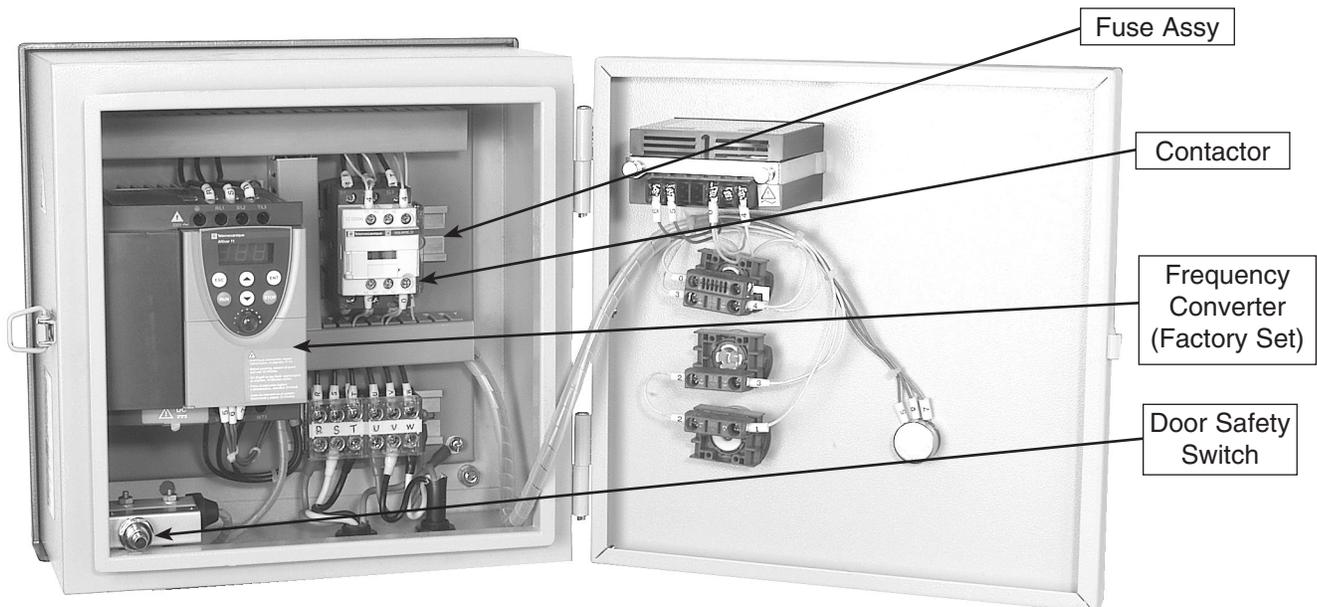
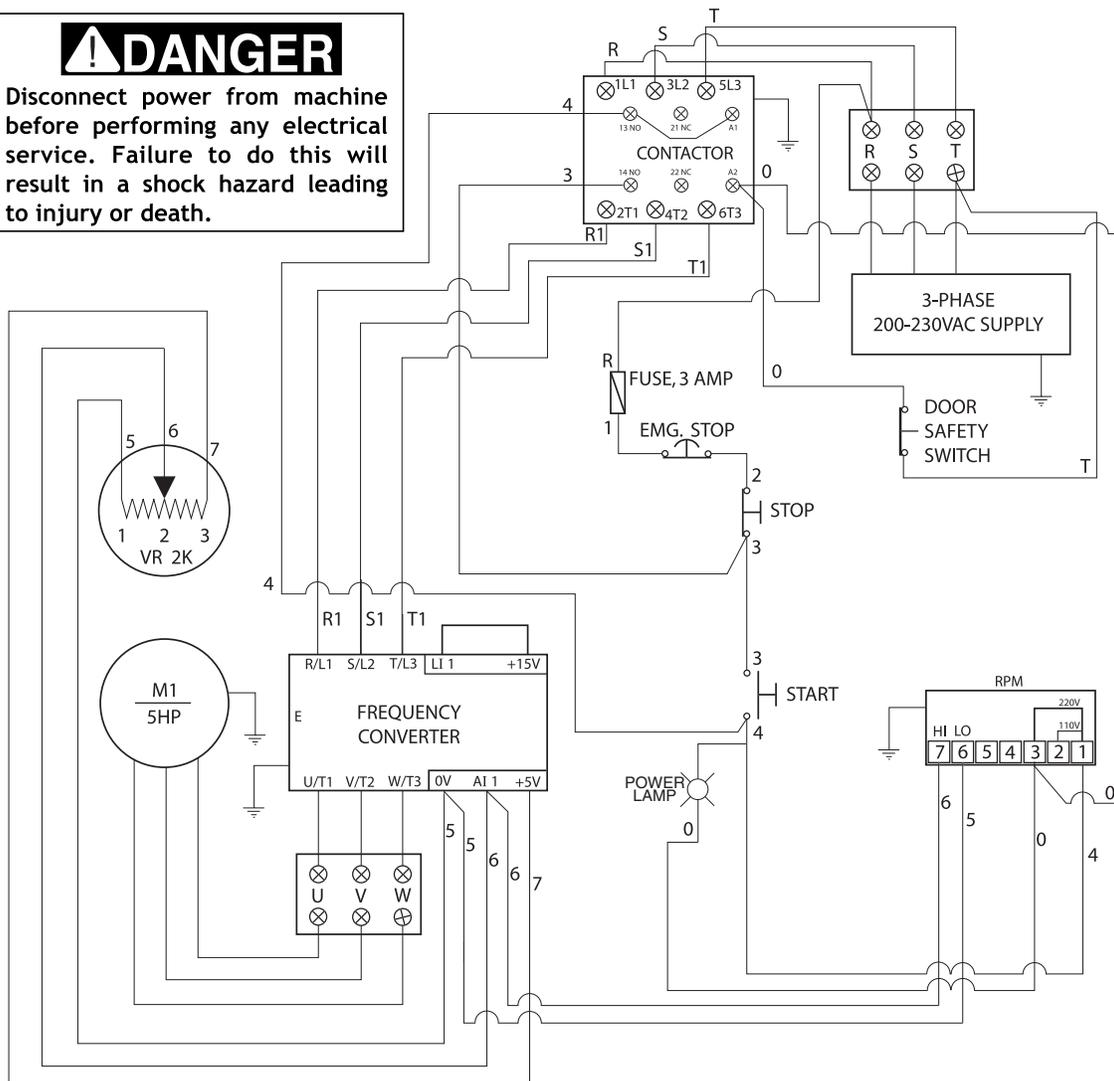
REF	PART #	DESCRIPTION
1	PN36	HEX NUT 1-1/4"-7 (RH THREAD)
2	P0530002	SPACER 1-1/4" ID x 1-3/4" OD x 1-1/2" L
3	P0530003	SPEED CONTROL
4	P0530004	EMERGENCY STOP SWITCH
5	P0530005	STOP SWITCH
6	P0530006	START SWITCH
7	P0530007	TACHOMETER
8	P0530008	JUNCTION BLOCK
9	P0530009	FUSE 3A
10	P0530010	CONTACTOR
11	P0530011	SAFETY SWITCH
12	P0530012	FREQUENCY CONVERTER
13	P0530013	CONTROL BOX HOUSING
14	PB86	HEX BOLT 5/16-18 X 3/4"
15	P0530015	CONTROL BOX SWITCH SUPPORT
16	PFH02M	FLAT HD SCR M6-1 X 12
17	PB86	HEX BOLT 5/16-18 X 3/4"
18	PWR1-1/2	WRENCH 1-1/2"

REF	PART #	DESCRIPTION
19	PWR2	WRENCH 2"
20	PN37	HEX NUT 1-1/4" -7 (LH THREAD)
21	P0530021	MOTOR 5-HP 3-PHASE
27	P6209	MOTOR BEARING 6209ZZ
28	P0530028	WARNING LABEL
29	PLABEL-37	RESPIRATOR LABEL
30	PLABEL-11	SAFETY GLASSES LABEL
31	G9987	GRIZZLY LOGO 4-3/4" X 2-1/4"
32	P0530032	DOOR
33	P0530033	SPACER 1-1/4" ID x 1-3/4" OD x 2" L
34	P0530034	SPACER 1-1/4" ID x 1-3/4" OD x 1" L
35	P0530035	FUSE HOUSING
36	P0530036	MAIN PWR CORD 12-GA 3-PH 220V
37	P0530037	MTR PWR CORD 12-GA 3-PH 220V
38	PLABEL-14	ELECTRICITY LABEL
39	PLABEL-36	UNPLUG 220V LABEL
40	P0530040	CONTROL PANEL DATA/ID LABEL

# MODEL G0530 VARIABLE SPEED BUFFER WIRING DIAGRAM

**⚠ DANGER**

Disconnect power from machine before performing any electrical service. Failure to do this will result in a shock hazard leading to injury or death.



# Warranty & Returns

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Grizzly Industrial, Inc. warrants every product it sells for a period of 1 year to the original purchaser from the date of purchase. This warranty does not apply to defects due directly or indirectly to misuse, abuse, negligence, accidents, repairs or alterations or lack of maintenance. This is Grizzly's sole written warranty and any and all warranties that may be implied by law, including any merchantability or fitness, for any particular purpose, are hereby limited to the duration of this written warranty. We do not warrant or represent that the merchandise complies with the provisions of any law or acts unless the manufacturer so warrants. In no event shall Grizzly's liability under this warranty exceed the purchase price paid for the product and any legal actions brought against Grizzly shall be tried in the State of Washington, County of Whatcom.

We shall in no event be liable for death, injuries to persons or property or for incidental, contingent, special, or consequential damages arising from the use of our products.

To take advantage of this warranty, contact us by mail or phone and give us all the details. We will then issue you a "Return Number," which must be clearly posted on the outside as well as the inside of the carton. We will not accept any item back without this number. Proof of purchase must accompany the merchandise.

The manufacturers reserve the right to change specifications at any time because they constantly strive to achieve better quality equipment. We make every effort to ensure that our products meet high quality and durability standards and we hope you never need to use this warranty.

Please feel free to write or call us if you have any questions about the machine or the manual.

Thank you again for your business and continued support. We hope to serve you again soon.

# WARRANTY CARD

Name \_\_\_\_\_  
Street \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Phone Number \_\_\_\_\_ E-Mail \_\_\_\_\_ FAX \_\_\_\_\_  
MODEL # \_\_\_\_\_ Serial # \_\_\_\_\_ Order # \_\_\_\_\_

The following information is given on a voluntary basis. It will be used for marketing purposes to help us develop better products and services. Of course, all information is strictly confidential.

1. How did you learn about us? \_\_\_\_\_ Other \_\_\_\_\_  
 Advertisement  Friend  
 Catalog  Card Deck  
 World Wide Web  
\_\_\_\_\_  
Other \_\_\_\_\_
2. Which of the following magazines do you subscribe to.  
 American Woodworker  Practical Homeowner  
 Cabinetmaker  Shop Notes  
 Family Handyman  Today's Homeowner  
 Fine Homebuilding  WOOD  
 Fine Woodworking  Wooden Boat  
 Home Handyman  Woodshop News  
 Journal of Light Construction  Woodsmith  
 Old House Journal  Woodwork  
 Popular Mechanics  Woodworker  
 Popular Science  Woodworker's Journal  
 Popular Woodworking  Workbench  
\_\_\_\_\_  
Other \_\_\_\_\_
3. Which of the following woodworking/remodeling shows do you watch?  
 Backyard America  The New Yankee Workshop  
 Home Time  This Old House  
 The American Woodworker  Woodwright's Shop  
\_\_\_\_\_  
Other \_\_\_\_\_
4. What is your annual household income?  
 \$20,000-\$29,999  \$60,000-\$69,999  
 \$30,000-\$39,999  \$70,000-\$79,999  
 \$40,000-\$49,999  \$80,000-\$89,999  
 \$50,000-\$59,999  \$90,000 +
5. What is your age group?  
 20-29  50-59  
 30-39  60-69  
 40-49  70 +
6. How long have you been a woodworker?  
 0 - 2 Years  8 - 20 Years  
 2 - 8 Years  20+ Years
7. How would you rank your woodworking skills?  
 Simple  Advanced  
 Intermediate  Master Craftsman
8. What stationary woodworking tools do you own? Check all that apply.  
 Air Compressor  Panel Saw  
 Bandsaw  Planer  
 Drill Press  Power Feeder  
 Drum Sander  Radial Arm Saw  
 Dust Collector  Shaper  
 Horizontal Boring Machine  Spindle Sander  
 Jointer  Table Saw  
 Lathe  Vacuum Veneer Press  
 Mortiser  Wide Belt Sander
9. How many of your woodworking machines are Grizzly? \_\_\_\_\_
10. Which benchtop tools do you own? Check all that apply.  
 1" x 42" Belt Sander  6" - 8" Grinder  
 5" - 8" Drill Press  Mini Lathe  
 8" Table Saw  10" - 12" Thickness Planer  
 8" - 10" Bandsaw  Scroll Saw  
 Disc/Belt Sander  Spindle/Belt Sander  
 Mini Jointer  
\_\_\_\_\_  
Other \_\_\_\_\_
11. How many of the machines checked above are Grizzly? \_\_\_\_\_
12. Which portable/hand held power tools do you own? Check all that apply.  
 Belt Sander  Orbital Sander  
 Biscuit Joiner  Palm Sander  
 Circular Saw  Portable Planer  
 Detail Sander  Saber Saw  
 Drill/Driver  Reciprocating Saw  
 Miter Saw  Router  
\_\_\_\_\_  
Other \_\_\_\_\_
13. What machines/supplies would you like Grizzly Industrial to carry?  
\_\_\_\_\_  
\_\_\_\_\_
14. What new accessories would you like Grizzly Industrial to carry?  
\_\_\_\_\_  
\_\_\_\_\_
15. What other companies do you purchase your tools and supplies from?  
\_\_\_\_\_  
\_\_\_\_\_
16. Do you think your purchase represents good value?  
 Yes  No
17. Would you recommend Grizzly Industrial to a friend?  
 Yes  No
18. Would you allow us to use your name as a reference for Grizzly customers in your area? **Note: We never use names more than three times.**  
 Yes  No
19. Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

CUT ALONG DOTTED LINE

FOLD ALONG DOTTED LINE

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Place  
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Here



GRIZZLY INDUSTRIAL, INC.  
P.O. BOX 2069  
BELLINGHAM, WA 98227-2069



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