



10" WAX BUFFER

MODEL H3143

INSTRUCTION MANUAL



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1821 VALENCIA ST., BELLINGHAM, WA 98227

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PRINTED IN CHINA

ONLINE MANUAL DISCLAIMER

THE INFORMATION IN THIS MANUAL REPRESENTS THE CONFIGURATION OF THE MACHINE AS IT IS CURRENTLY BEING SHIPPED. THE MACHINE CONFIGURATION CAN CHANGE AS PRODUCT IMPROVEMENTS ARE INCORPORATED. IF YOU OWN AN EARLIER VERSION OF THE MACHINE, THIS MANUAL MAY NOT EXACTLY DEPICT YOUR MACHINE. CONTACT CUSTOMER SERVICE IF YOU HAVE ANY QUESTIONS ABOUT DIFFERENCES. PREVIOUS VERSIONS ARE NOT AVAILABLE ONLINE.

WARNING

Some dust created by power sanding, sawing, grinding, drilling, 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.

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.

DANGER

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

WARNING

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

CAUTION

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

1. **KEEP ALL SAFETY DEVICES IN PLACE** and in working order.
2. **REMOVE ADJUSTING KEYS AND WRENCHES.** Form habit of checking to see that keys and adjusting wrenches are removed from winch before operation.
3. **KEEP CHILDREN AWAY.** All children should be kept at a safe distance from winch.
4. **DO NOT USE UNDER THE INFLUENCE OF DRUGS OR ALCOHOL.**
5. **NEVER ALLOW UNTRAINED USERS TO RUN THIS TOOL WHILE UNSUPERVISED.**
6. **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.
7. **ALWAYS USE SAFETY GLASSES.** Also use face or dust mask if cutting operation is dusty. Everyday eyeglasses only have impact resistant lenses, they are NOT safety glasses.
8. **IF YOU ARE UNSURE OF THE INTENDED OPERATION, STOP USING THE TOOL.**

WARNING

Safety Instructions For Power Tools

- 9. USE PROPER EXTENSION CORD** for the tool. 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 tool nameplate. 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 | 18 | 16 | 16 |
| 7-10 | 18 | 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 SAFETY GLASSES.** Also use face or dust mask if cutting operation is dusty. Everyday eyeglasses only have impact resistant lenses, they are NOT safety glasses.
- 12. SECURE WORK.** Use clamps or a vise to hold work when practical. It's safer than using your hand and frees both hands to operate tool.
- 13. DON'T OVERREACH.** Keep proper footing and balance at all times.

- 14. MAINTAIN TOOLS WITH CARE.** Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.

- 15. DISCONNECT TOOLS** before servicing and changing accessories, such as blades, bits, cutters, and the like.

- 16. REDUCE THE RISK OF UNINTENTIONAL STARTING.** Make sure switch is in off position before plugging in.

- 17. USE RECOMMENDED ACCESSORIES.** Consult the owner's manual for recommended accessories. The use of improper accessories may cause risk of injury.

- 18. 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.

WARNING

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

OPERATION

About Your New Buffer

CAUTION

Always follow the manufacturer's instructions when applying wax. Failure to follow the instructions could result in damage to the surface you are waxing.

Please take the time to become familiar with this instruction manual. The information contained will allow you to get the maximum enjoyment and use from your new tool.

Accessories

Included with the Model H3143 Wax Buffer are two bonnets: the terry cloth bonnet is used to wax and the synthetic wool bonnet is used to buff the wax.

Using The Buffer

CAUTION

Never use abrasive wax or polish when using this tool. Damage to the paint may occur.

1. Evenly apply wax to the terry cloth bonnet. DO NOT apply the wax directly to the work surface.
2. WITHOUT turning the buffer on, set it on the work surface.
3. Place the power cord over your shoulder to keep it off the work surface.
4. Turn the buffer on and begin buffing a large flat area such as the hood.
5. Buff in a back and forth pattern, allowing the buffer to glide over the work surface. **DO NOT exert excessive pressure on the buffer!**
6. Buff hard-to-reach areas by hand.
7. Once applied, allow the wax to form a haze on the work surface.
8. Replace the terry cloth bonnet with the synthetic wool cap.
9. Buff the waxed surface in the same manner it was applied. **DO NOT exert excessive pressure on the buffer!**

MAINTENANCE

WARNING

Unplug the tool from the power source before performing any maintenance! Failure to follow this warning could result in serious personal injury.

Cleaning The Buffer

- Use only a mild soap to clean the bonnets.
- Wash the bonnets by hand and hang dry.
- When not in use, remove the bonnets and store the buffer with the pad facing up. This allows the pad to retain its original form.
- Periodically clean the buffer with a dry cotton cloth. DO NOT use flammable products or spray cleaners.

Carbon Motor Brushes

The Model H3143 has a brush-type electric motor. Because the buffer needs to be disassembled to gain access to the brushes, servicing them should only be performed by a qualified technician.

Repairs

The Model H3143 is a double insulated and UL® listed tool which should only be repaired by a qualified technician. DO NOT attempt to open the tool housing or perform any electrical repairs. Contact our Customer Service Department if the tool stops working or malfunctions.

Replacement Parts

REF PART # DESCRIPTION

| | | |
|----|-----------|------------------------|
| 01 | PH3143001 | MOTOR BRUSH (2) |
| 02 | PH3143002 | BODY TOP HALF |
| 03 | PH3143003 | BODY LOWER HALF |
| 04 | PH3143004 | TERRYCLOTH CAP |
| 05 | PH3143005 | SYNTHETIC CAP |
| 06 | PH3143006 | SWITCH |
| 07 | PH3143007 | SWITCH SLIDER |
| 08 | PHTEK13 | TAP SCREW #8 X 1 1/16" |
| 09 | PH3143009 | MOTOR ASSEMBLY |

WARNING



Gasoline or petroleum products used to clean the tool could explode causing serious personal injury. DO NOT use gasoline or petroleum products to clean the tool.

WARRANTY AND RETURNS

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 Authorization 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.

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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 # _____

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?

☐ Advertisement ☐ Friend
☐ Catalog ☐ Card Deck
☐ World Wide Web
☐ Other _____

2. 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 +

3. What is your age group?

☐ 20-29 ☐ 50-59
☐ 30-39 ☐ 60-69
☐ 40-49 ☐ 70 +

4. How long have you been a woodworker?

☐ 0 - 2 Years ☐ 8 - 20 Years
☐ 2 - 8 Years ☐ 20+ Years

5. How would you rank your woodworking skills?

☐ Simple ☐ Advanced
☐ Intermediate ☐ Master Craftsman

6. What stationary woodworking tools do you own?

Check all that apply.

☐ Air Compressor ☐ Panel Saw
☐ Band Saw ☐ Planer
☐ Drill Press ☐ Power Feeder
☐ Drum Sander ☐ Radial Arm Saw
☐ Dust Collector ☐ Shaper
☐ Spindle Sander ☐ Jointer
☐ Table Saw ☐ Lathe
☐ Mortiser ☐ Wide Belt Sander
☐ Horiz.Boring Machine
☐ Vacuum Veneer Press
☐ Other _____

7. How many of your woodworking machines are Grizzly? _____

8. Which benchtop tools do you own? Check all that apply.

☐ 1"x42" Belt Sander ☐ 6" - 8" Grinder
☐ 5" - 8" Drill Press ☐ Mini Lathe
☐ 8" Table Saw ☐ 8" - 10" Bandsaw
☐ Scroll Saw ☐ Disc/Belt Sander
☐ Spindle/Belt Sander ☐ Mini Jointer
☐ 10"-12" Thickness Planer
☐ Other _____

9. How many of the machines checked above are Grizzly? _____

10. 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 _____

11. What machines/supplies would you like Grizzly Industrial to carry?

12. What new accessories would you like Grizzly Industrial to carry?

13. What other companies do you purchase your tools and supplies from?

14. Do you think your purchase represents good value?

☐ Yes ☐ No

15. Would you recommend Grizzly to a friend?

☐ Yes ☐ No

16. 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

17. Comments: _____

Send a Grizzly Catalog to a friend:

| | |
|--------|-----------------------------|
| Name | _____ |
| Street | _____ |
| City | _____ State _____ Zip _____ |

FOLD ALONG DOTTED LINE



Place
Stamp
Here



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TAPE ALONG EDGES--PLEASE DO NOT NAIL

