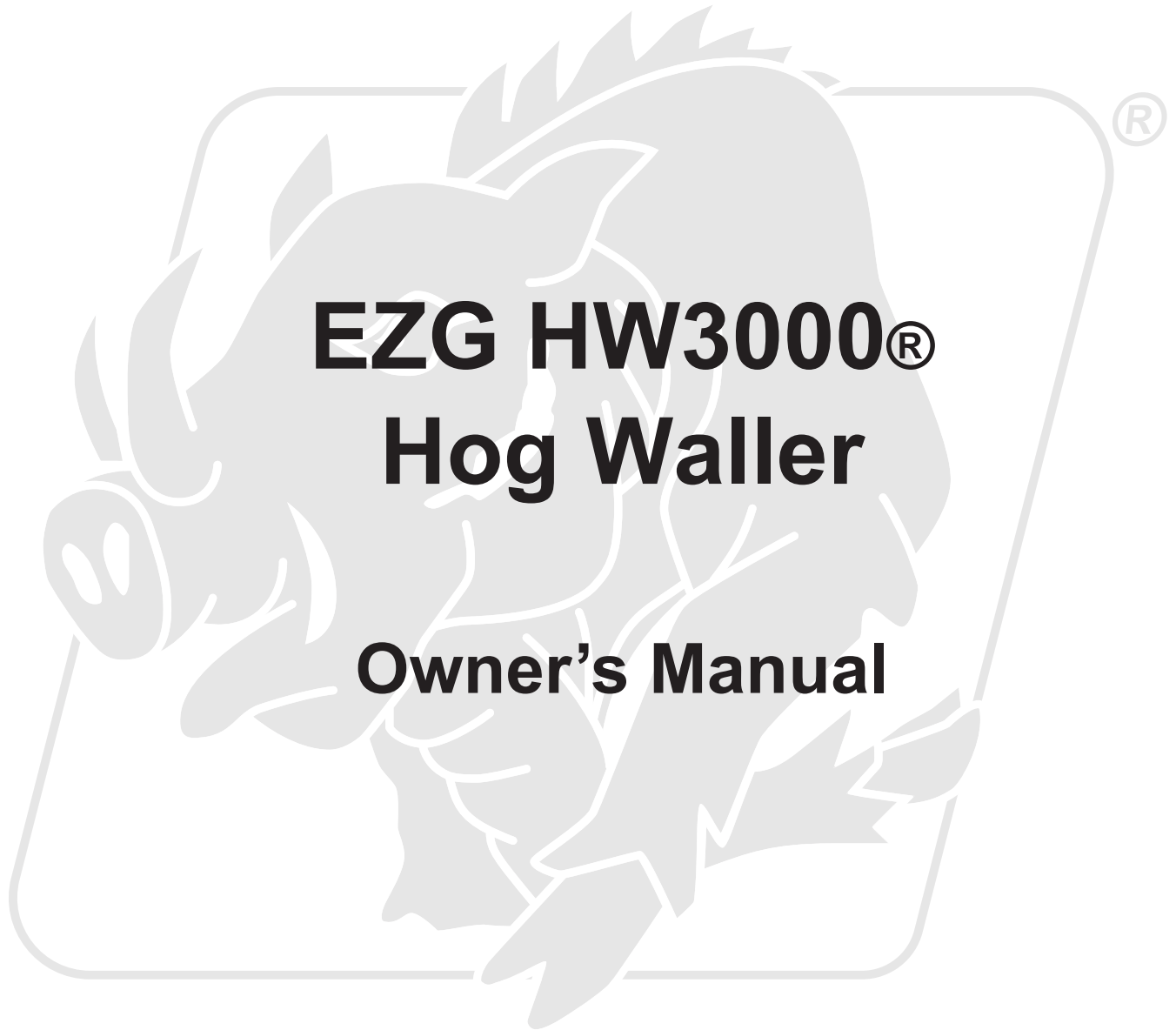




Before using the EZG HW3000 Hog Waller®, study and understand entire Owner's Manual.

Serial Number \_\_\_\_\_



# **EZG HW3000®**

## **Hog Waller**

### **Owner's Manual**



**EZG HW3000®**  
**EZG MANUFACTURING**  
**1-800-417-9272**

**EZG Manufacturing**  
**1833 North Riverview Road**  
**Malta, Ohio 43758**  
**(740) 749-3512 or 1-800-417-9272**  
**Fax (740) 962-2037    [www.ezgmfg.com](http://www.ezgmfg.com)**

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# INTRODUCTION

Congratulations on purchasing one of the finest pieces of masonry equipment on the market today! If this is your first EZG Manufacturing product, you will not be disappointed. If you have previously owned an EZG Manufacturing product you will find the same high quality and dependability that you have come to expect from EZG Manufacturing.

## ABOUT THIS MANUAL

The purpose of this manual is to inform the owner/employer/and the operator, how to safely operate this piece of equipment, and make them aware of any hazards. It also contains important information regarding assembly, set up, operation, and maintenance. It is the Owner/Employers responsibility to make sure that anyone who operates this machine understands all safety warnings. If you do not understand any items in this manual, please contact the dealer where this product was purchased, or the manufacturer at the number listed throughout this manual. If you have any suggestions about how to make this manual easier to understand, contact the manufacturer. Keep this manual available for reference wherever this piece of equipment is being used and make it available to any operators.

## GENERAL INFORMATION

Illustrations in this manual may show details or components that may not be the same as your machine. Continuing improvements to the design of this machine may have caused changes that are not included in the is manual. The information in this document is subject to change without notice.

## SAFETY INFORMATION

The following safety symbols and signal words will be used throughout this manual and on the product, for your safety and the safety of others, please become familiar with their meaning and heed their warnings.



**This symbol, either used alone or with a signal word, is used to call your attention to instructions involving your safety and/or the safety of others. Failure to follow these instructions will likely result in personal injury or death.**



**This symbol, either used alone or with a signal word, is used to call your attention to instructions involving the presence of electric shocks for your safety and/or the safety of others. Failure to follow these instructions will likely result in personal injury or death.**



**DANGER**

**This signal word is used to identify a hazard which, if not avoided, will result in death or serious injury.**



**WARNING**

**This signal word is used to identify a hazard which, if not avoided, could result in death or serious injury.**



**CAUTION**

**This signal word is used to identify a hazard which, if not avoided, could result in minor or moderate injury.**

**NOTICE**

**This signal word is used to identify a hazard which, if not avoided, could result in property or equipment damage. It also may be used for special instructions related to performance, maintenance or general items.**

# SAFETY PRECAUTIONS



## **WARNING**

**Failure to obey the following safety instructions could result in DEATH or SERIOUS INJURY.**

Read and understand entire manual before operating the HW3000 Hog Waller®

For your safety and the safety of others, replace any missing or damaged warning decals by contacting the manufacturer at 1-800-417-9272.

Make sure anyone operating the HW3000 Hog Waller® is thoroughly familiar with its operation. Keep all unauthorized and untrained personnel, especially children away from HW3000 Hog Waller®.

Never operate the HW3000 Hog Waller® if the power cord, plug or switch is damaged.

Never operate the HW3000 Hog Waller® if smoke or a burnt smell is present.

Never perform any work on the HW3000 Hog Waller® while it is running. Before working on or cleaning the HW3000 Hog Waller®, disconnect the power source.

Never operate the HW3000 Hog Waller® under the influence of alcohol, drugs, or medications.

The HW3000 Hog Waller® has been designed and built for the purpose of scrubbing masonry and concrete walls and should not be used for anything other than its intended purpose.

Only use the correct power supply voltage shown on the identification plate.

Only use an UL approved extension cord approved for outdoor use.

Never modify the plug or use adapter plugs.

Never operate the HW3000 in rain or wet conditions. If damp conditions exist it is recommended to use a Ground Fault Indicator (GFI) protected supply.

Never use the power cord to carry, pull, or unplug the HW3000. Keep cord away from heat, oil, sharp edges and moving parts.



## **WARNING**

**The HW3000 Hog Waller® is not designed for or suitable for use on objects and or surfaces containing asbestos.**



# SAFETY PRECAUTIONS



## **WARNINGS continued**

Operate only in properly vented environments.

Avoid breathing dust produced while using the HW3000 Hog Waller®.  
Dust may contain crystalline silica and may cause serious health problems.

Do not operate near combustible materials.

Always know the location of nearest fire extinguishers, first aid kit, and emergency personnel phone numbers in case of emergency.

## **CAUTION**



**Failure to obey the following safety instructions could result in MINOR or MODERATE INJURY.**

Inspect the power cord, switch, fasteners, bolts and welds for nicks, cracks, cuts, damage, wear or loose-ness before each use. Repair as needed.

Always wear approved PPE, including glasses, hearing protection, hard hats, safety shoes, and ventilation masks when operating a HW3000 Hog Waller®.

To prevent unintentional starting of the HW3000 Hog Waller® always make sure the switch is in the off position before connecting to a power source.

Disconnect all power sources before making any adjustments or performing maintenance on the HW3000 Hog Waller®.

Be sure to inspect the HW3000 Hog Waller® for any tools such as wrenches and adjusting keys after any adjustments or maintenance is performed before connecting to a power source.

Do not put the HW3000 down until it has completely stopped.

## ***NOTICE***

Use only factory authorized parts.

## California - Proposition 65 Warning

Engine exhaust and some of its constituents, and 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 and 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: Always work in a well ventilated area, and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.

## SETUP & OPERATING INSTRUCTIONS



**Warning! This equipment is to be operated by trained and qualified personnel over the age of 18. Death, electrical shock, or serious injury can result.**

1. Ensure that the work area is free and clear of debris and people.
2. Be sure that the power cord is clear of and away from the work area.
3. Keep both hands firmly on the HW3000 Hog Waller® during operation.
4. Always allow for reaction torque .
5. If an extension rod is used loosen the lock spanner (figure 1).

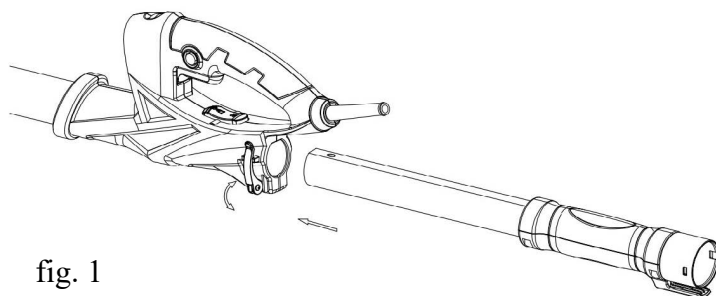


fig. 1

6. Attach the dust hose, dust proof ring, and vacuum bag to the extension rod (figure 2).

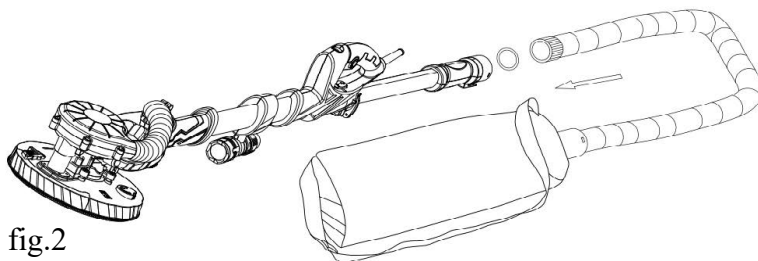


fig.2

7. Lock on power switch (figure 3).

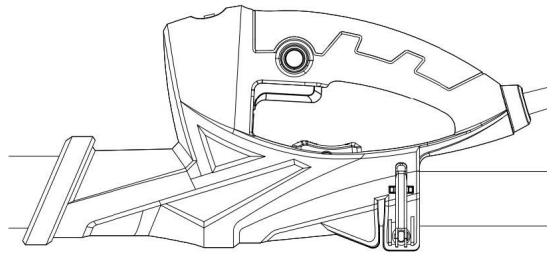


fig. 3

8. Adjustable speed switch (figure 4).

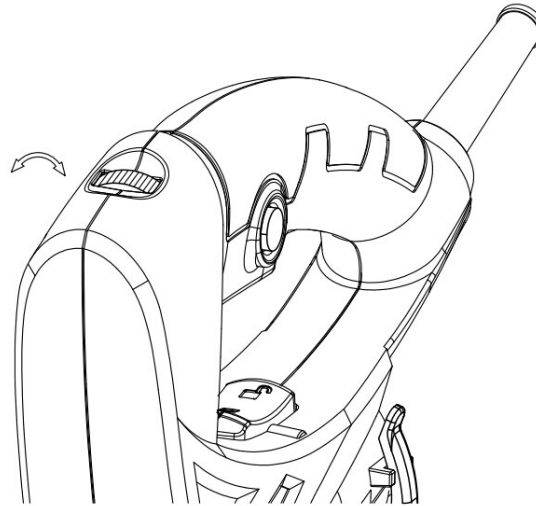


fig. 4

9. Installing or replacing abrasive disc (figure 5).

- Insert hex wrench (size 5) into hexagonal screw bolt on the abrasive disc.
- Hold the abrasive disc firmly while turning wrench.
- Install new abrasive disc and tighten bolt.

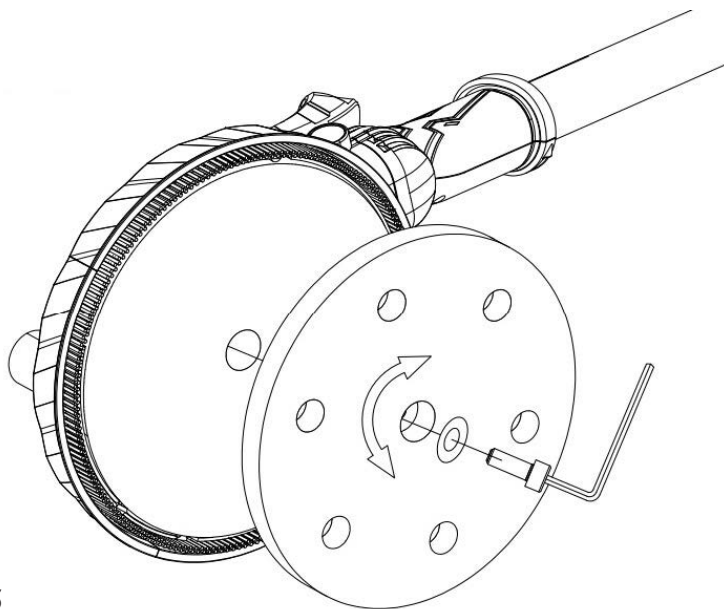


fig. 5

10. LED light installation (figure 6 & 7).

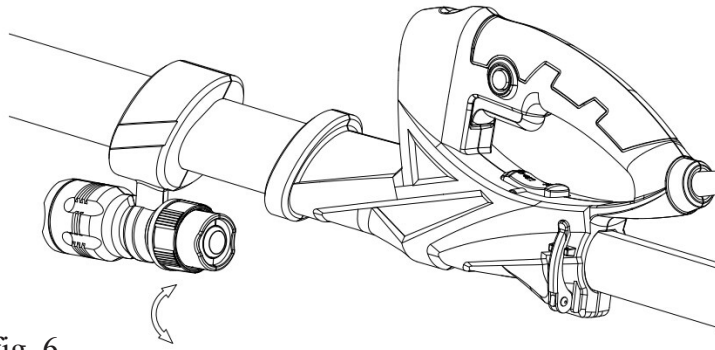


fig. 6

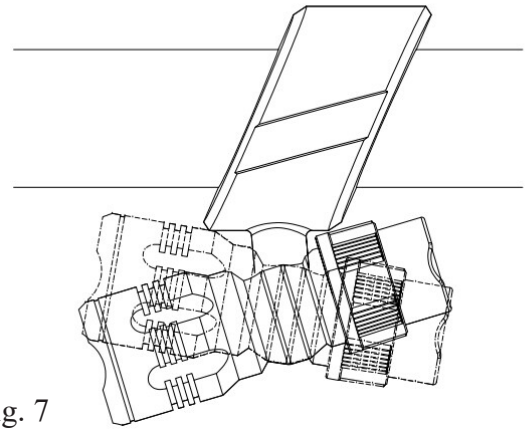


fig. 7

11. Suction power adjustment (figure 8).

- Clockwise to reduce suction power.
- Counter-clockwise to increase power suction.

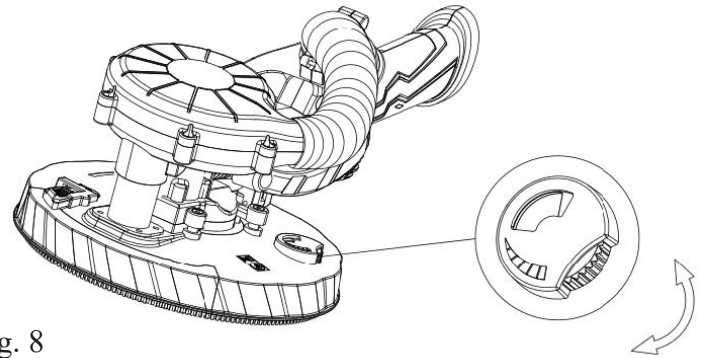


fig. 8

12. Grinding adjacent edges (figure 9).

- Remove detachable brush segment.

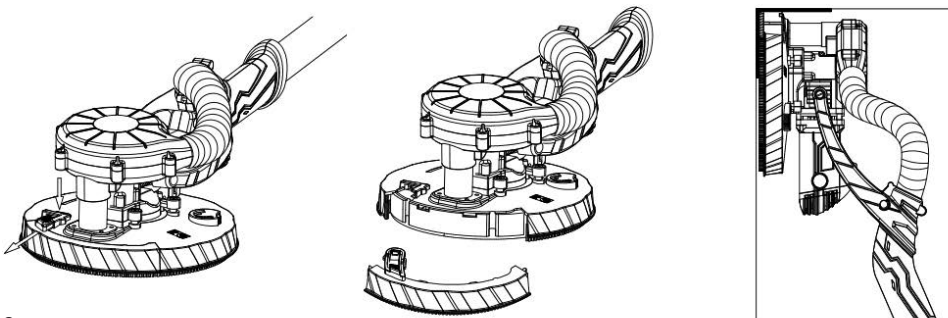


fig. 9

13. Removing or replacing the dust hose (figure 10a - 10b).

- Loosen hose clamp with a screw driver.
- Rotate counter-clockwise.

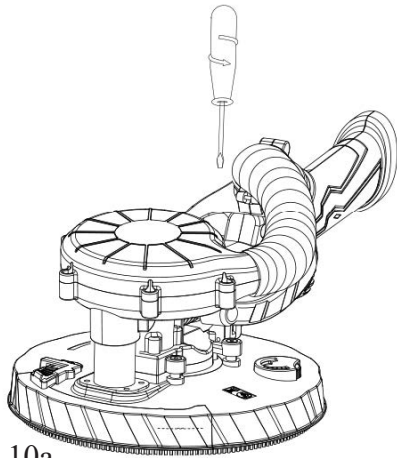


fig. 10a

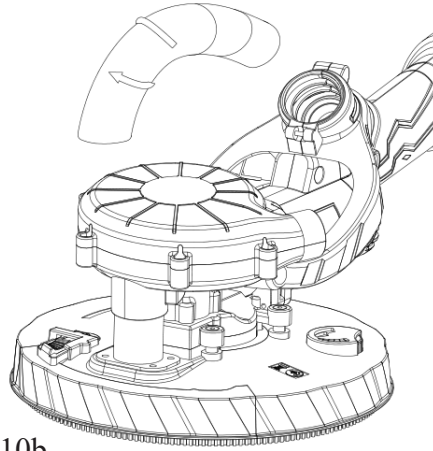


fig. 10b

## DAILY MAINTENANCE



**Warning! Before performing any described maintenance items, make sure all power sources have been disconnected. Death, electrical shock or other serious injury can result.**

1. Keep the safety devices, ventilation slots and Motor housing as free of dirt and dust as possible. Clean the unit by rubbing it with a clean cloth or blow it clean using low-pressure compressed air.
2. We recommend that you always clean the unit immediately after using it.
3. Clean the unit regularly by rubbing it with a damp cloth and a little soft soap. Do not use cleaners or solvents, use of these products will damage the plastic parts in the unit. You must also ensure that water cannot get into the inside of the unit.
4. Ensure unit is unplugged before removing or inspecting brushes.
5. Removal and replacement of brushes should only be conducted by qualified personnel.
6. Remove and inspect the motor brushes every 40 operating hours.
7. If brushes measure less than 1/4" in length, replace brushes with part #HW-3000-CB.

# OBTAINING SPARE PARTS

Spare parts for your HW3000 Hog Waller® may be obtained by the following procedure:

1. Record the information from the serial number tag.
2. Using the parts reference table in this manual, record the part number or component.
3. Contact your local HW3000 Hog Waller® dealer or EZG Manufacturing at 1-800-417-9272 with the information recorded.



Part #HW-3000-VH-B  
Vacuum Hose  
Assembly B



Part #HW-3000-GA  
Guard Assembly  
w/ Bolts



Part  
#HW-3000-VH  
Vacuum Assembly



Part #HW-3000-CB  
Motor Brushes  
(2 per set)



Part #HW-3000-BC  
Brush Caps  
(2 per set)



Part #HW-3000-EH  
Extended Handle



Part #HW-3000-VH-A  
Vacuum Hose Assembly

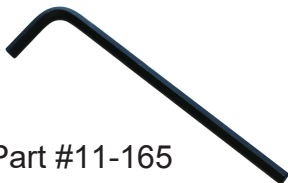


Part #HW-3000-DSB  
Double Strap  
Vacuum Bag



Part #11-162  
Abrasive Grinding  
Disc  
(Serial # HW180648 to present)

Part #HW-A-1 Arbor Adapter Kit-Cup Disc-Threaded Disc  
\*Includes the following or items can be purchased individually.



Part #11-165  
Hex L-Key  
5mm x 5"  
(Serial # HW180648 to present)



Part #09-3200  
M6 x 1mm x 20mm  
Socket Head Screw  
(Serial # HW180648 to present)



Part #HW-501  
Arbor  
(Serial # HW180648 to present)



## OBTAINING SPARE PARTS



Part #HW-3000-DB  
Double Strap  
Vacuum Bag



Part #HW-3000-GU  
Guard Assembly  
w/ Bolts



Part  
#HW-3000-VA  
Vacuum  
Assembly



Part #HW-3000V-H  
Vacuum Hose Assembly



Part #09-159  
Flat Washer  
(Serial # HW18001 - HW180647)



Part #09-3135  
Bolt  
(Serial # HW18001 - HW180647)



Part #HW-500  
Arbor  
(Serial # HW18001 - HW180647)



Part #HW-001  
Disc Wrench -  
10mm  
(Serial # HW18001 - HW180647)



Part #11-127  
Abrasive Grinding  
Disc - Type 28  
(Serial # HW18001 - HW180647)

# TROUBLE SHOOTING GUIDE

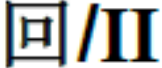
1. **The operating switch is in the on position but, the motor is not working.**
  - a. The wires in the plug or in the socket are loose:  
*Have the plug and socket repaired or replaced.*
  - b. The switch is faulty:  
*Have the switch replaced.*
2. **The operating switch is switched on but, unusual noises can be heard or, the motor is not working or running very slowly.**
  - a. Switch contact has failed:  
*Have the switch replaced*
  - b. Component Jammed:  
*Have the electric tool checked or replaced.*
  - c. Too much thrust, as a result the motor is dragging:  
*Use less thrust during operation.*
3. **Motor gets hot.**
  - a. Foreign substances have gotten inside the motor:  
*Remove the foreign substance.*
  - b. Lack of or contaminated grease:  
*Have lubricating grease applied or replaced.*
  - c. Pressure too high:  
*Use less thrust during operation.*
4. **Frequent or strong sparks on the commutator.**
  - a. Short circuit on the armature:  
*Have the armature replaced.*
  - b. Carbon brushes worn out or jammed:  
*Have the carbon brushes checked or replaced.*
  - c. Commutator running rough:  
*Have the surface of the commutator cleaned or ground.*



**WARNING! Never remove parts or accessories during operation or while the HW3000 Hog Waller is switched on or connected to a power source. Disconnect all power sources to avoid electrical shock or other injuries before replacing or cleaning any components.**



## UNIT SPECIFICATIONS

Model No.	HW3000
Power	1000W
No Load Speed	800-1700/min
Abrasive Disc	7 in. / 178 mm
Tube diameter	1.25 in. / 32mm
Weight (approx.)	9.25 lbs
Protection class	 Double-Insulated per EN60745

## SERVICE RECORDS

SERVICE PERFORMED	DATE	INITIALS

## This image shows a full page of blank, lined paper. It features approximately 20 evenly spaced horizontal black lines across its entire width, providing a template for writing or drawing. The margins are consistent on all sides.

# WARRANTY

## Limited Warranty

The manufacturer warrants that products manufactured shall be free from defects in material and workmanship that develop under normal use for a period of 90 days on all products from the date of shipment. The foregoing shall be the exclusive remedy of the buyer and the exclusive liability of the manufacturer. Our warranty excludes normal replaceable wear items, i.e. gaskets, wear parts, seals, O-rings, belts, drive chains, clutches, etc. Any equipment, part or product which is furnished by the manufacturer but manufactured by another, bears only the warranty given by such other manufacturer. (Manufacturer agrees to furnish free of charge a written description of problem or cause.) Warranty is voided by product abuse, alterations, use of equipment in applications for which it was not intended, use of non-manufacturer parts, or failure to follow documented service instructions. The foregoing warranty is exclusive of all other warranties whether written or oral, expressed or implied. No warranty of merchantability or fitness for a particular purpose shall apply. The agents, dealers, and employees of Manufacturer are not authorized to make modifications to this warranty, or additional warranties binding on the Manufacturer. Therefore, additional statements, whether oral or written, do not constitute warranty and should not be relied upon.

The Manufacturer's sole responsibility for any breach of the foregoing warranty provisions, with respect to any product or part not conforming to the Warranty or the description herein contained, is at its option (a) to repair, replace, or refund such product or parts upon the prepaid return thereof to location designated specifically by the Manufacturer. Product returns not shipped prepaid will be refused (b) as an alternative to the foregoing modes of settlement- the Manufacturer's dealer may repair defective units with reimbursement for expenses. A written description of problem or cause must accompany all warranty claims.

Except as set forth here in above and without limitation of the above, there are no warranties or other affirmation which extend beyond the description of the products on the fact here of, or as to operational efficiency, product reliability, or maintainability or compatibility with products furnished by others. In no event, whether as a result of breach of contract or warranty or alleged negligence, shall the Manufacturer, be liable for special or consequential damages including but not limited to: Loss of profits or revenue, loss of use of the product or any associated product, cost of capital, cost of substitute products, facilities or services or claims of customers. Manufacturer does not assume responsibility for any accident due to equipment modification.

No claim will be allowed for products lost or damaged in transit. Such claims should be filed with the carrier within fifteen days.

Effective July 20, 2005

EZG Manufacturing is the exclusive manufacturer of the patented Grout Hog® Grout Delivery System the Mud Hog® Hydraulic Mixing Station, the Hog Trough® mud pan, the Hog Cart™, the Hog Slopper™, the Booger Hog® Wall Scrubber, the Hog Leg® Wall Brace System, and the Hog Crusher™ Material Recycling System.

**Fax Warranty Registration form to 740-962-2037  
or submit online at [www.ezgmfg.com](http://www.ezgmfg.com) by clicking on  
“Products” then “Warranty Cards”.**

## **WARRANTY REGISTRATION**

CONTACT: \_\_\_\_\_

COMPANY: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

TEL: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ FAX: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ CELL: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

EMAIL: \_\_\_\_\_

PURCHASED FROM: ☐ Direct ☐ Distributor: \_\_\_\_\_

PURCHASE DATE: \_\_\_\_\_ SERIAL NO. \_\_\_\_\_

**PLEASE COMPLETE THIS WARRANTY CARD, AND RETURN VIA MAIL, FAX, OR E-MAIL,  
WITHIN 30 DAYS OF PURCHASE TO VALIDATE YOUR MANUFACTURER'S WARRANTY  
FOR ALL EZG MANUFACTURING PRODUCTS.**

**WARRANTY PROVISIONS OF THIS MACHINE ARE HANDLED DIRECTLY THROUGH  
THE MANUFACTURER.**

**EZG MANUFACTURING \* 1833 North Riverview Road, Malta, OH 43758 \***

**PHONE 1-800-417-9272 \* Email: [warranty@ezgmfg.com](mailto:warranty@ezgmfg.com) \* FAX 740-962-2037**

*Please take a minute to fill out the survey below so that we can better serve our customers.*

## **EZ Survey**

**1. WHERE DID YOU FIRST HEAR ABOUT EZG MANUFACTURING? (CHECK ONE)**

☐ Masonry Magazine ☐ Website ☐ Newsletter ☐ Referral ☐ Masonry Construction

☐ Other: \_\_\_\_\_

**2. WHAT INFLUENCED YOU TO BUY? ☐ QUALITY ☐ PRICE ☐ EASY TO USE ☐ OTHER**

**3. WHO IS YOUR SALES REPRESENTATIVE? \_\_\_\_\_**

**4. ARE YOU SATISFIED WITH THE CUSTOMER SERVICE YOU RECEIVED? ☐ YES ☐ NO**

**Explain:** \_\_\_\_\_

**5. WHAT OTHER EZG MANUFACTURING PRODUCTS DO YOU OWN?**

**6. WOULD YOU LIKE TO BE FEATURED IN OUR NEWSLETTER? ☐ YES ☐ NO**

**If yes, where can we reach you and what is the best time?**

**Comments:** \_\_\_\_\_