



Before Using this **Mud Hog**[®],
Study and understand entire
Owner's Manual.

Serial Number _____

MMH20

12ft³ (0.34m³)

Mobile Mud Hog[®]

Mixing Station



Owner's Manual



Mobile Mud Hog[®]

EZ Grout Corporation

1-800-417-9272

EZ Grout Corporation
1833 N Riverview Road
Malta, Ohio 43758

(740) 749-3512 or 1-800-417-9272

Fax (740) 962-2037 www.ezgrout.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 EZ Grout product, you will not be disappointed. If you have previously owned an EZ Grout product you will find the same high quality and dependability that you have come to expect from EZ Grout.

About this Manual

The purpose of this manual is to inform the owner/ employer/ and the operator's of the unit, 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/Employer's 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 the 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 reflected in this 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 could 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



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

Locking levers on the skid steer must be properly down and locked to ensure Mobile Mud Hog® does not fall.



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

Read and understand entire manual before operating the Mobile Mud Hog®

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 Mobile Mud Hog® is thoroughly familiar with its operation. Keep all unauthorized and untrained personnel, especially children away from Mobile Mud Hog®.

Never operate machine with safety grate, guards or safety devices removed or open. Do not alter any safety guards.

Stay clear of mixing paddles while machine is running. Keep all body parts, clothing, jewelry and solid objects away from all moving parts.

Never perform any work on the Mobile Mud Hog® while it is running. Before working on or cleaning the Mobile Mud Hog®, shut off skid steer and disconnect hydraulic supply hoses.

Never operate the Mobile Mud Hog® under the influence of alcohol, drugs, or medications.

This Mobile Mud Hog® has been designed and built as a material mixing system, and should not be used for anything other than its intended purpose.

Consult forklift manufacturers specifications to insure load capacity is not exceeded.

Model	Empty Weight	Max Gross Weight
MMH20	1350Lbs (612Kg)	4350Lbs. (1973Kg)

Do not exceed Maximum Gross Weight

Never stand under an elevated Mobile Mud Hog®.

Stay clear of moving parts while machine is in operation.



Safety Precautions



WARNINGS continued

Never attempt to ride the Mobile Mud Hog®.

Avoid breathing dust produced while using the Mobile Mud Hog®. 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 all hoses, fasteners, bolts and welds for nicks, cracks, cuts, damage, wear or looseness before each use. Repair as needed.

Always wear approved PPE, including glasses, hearing protection, hard hats, and ventilation Masks when operating a Mobile Mud Hog®.

Do not use the Mobile Mud Hog® as a lifting device or with accessories or attachments not recommended by EZ Grout, as damage to equipment or operator might result.

Avoid contact with hot hydraulic fluid.

Allow system to cool before performing any repairs or service.

Use proper attachment plate to match skid steer.

Only lift from attachment plate or lifting channels.

NOTICE

Use only factory authorized parts.

Used Lubricants such as engine and hydraulic oil, and hazardous waste must be taken to an authorized disposal or recycling center

Clean gate thoroughly for best performance.

Operating Instruction



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

1. Set Mobile Mud Hog® securely on level and even ground.
2. Attach the Mobile Mud Hog® to your skid steer. Consult skid steer owner's manual for proper hookup.
3. Connect hydraulic hoses from Mobile Mud Hog® to skid steer.
4. Cycle all hydraulic motions to verify the Mobile Mud Hog® is operating correctly and that hoses are the proper length.



Warning! Binding hoses may impede operation of Mobile Mud Hog® and cause hoses to rupture and release hot hydraulic fluid. Death or serious injury can result.

5. Fill with material, add water and mix to desired consistency.



Warning! Do not leave operators seat with the Mobile Mud Hog® running. Death or serious injury can result.

NOTE: In the unlikely event that the mixing paddles plug, momentarily reverse the Paddles.

6. Transport mix to desired location, Reverse paddle rotation to open gate and dispense mixture.

NOTE: If your model is not equipped with a hydraulic gate, manually open the gate using Handle.



Warning! NEVER put your hands inside mixer drum while equipment is running. Death or serious injury can result.

Obtaining Spare Parts

Spare parts for your Mobile Mud Hog® may be obtained by the following procedure:

1. Record the information from the serial number tag located on the rear of the frame near the hydraulic reservoir.
2. Using the parts reference table in this manual, record the part number or component.
3. Contact your local Mud Hog® dealer or EZ Grout Corporation at 1-800-417-9272 with the information recorded

Daily Maintenance



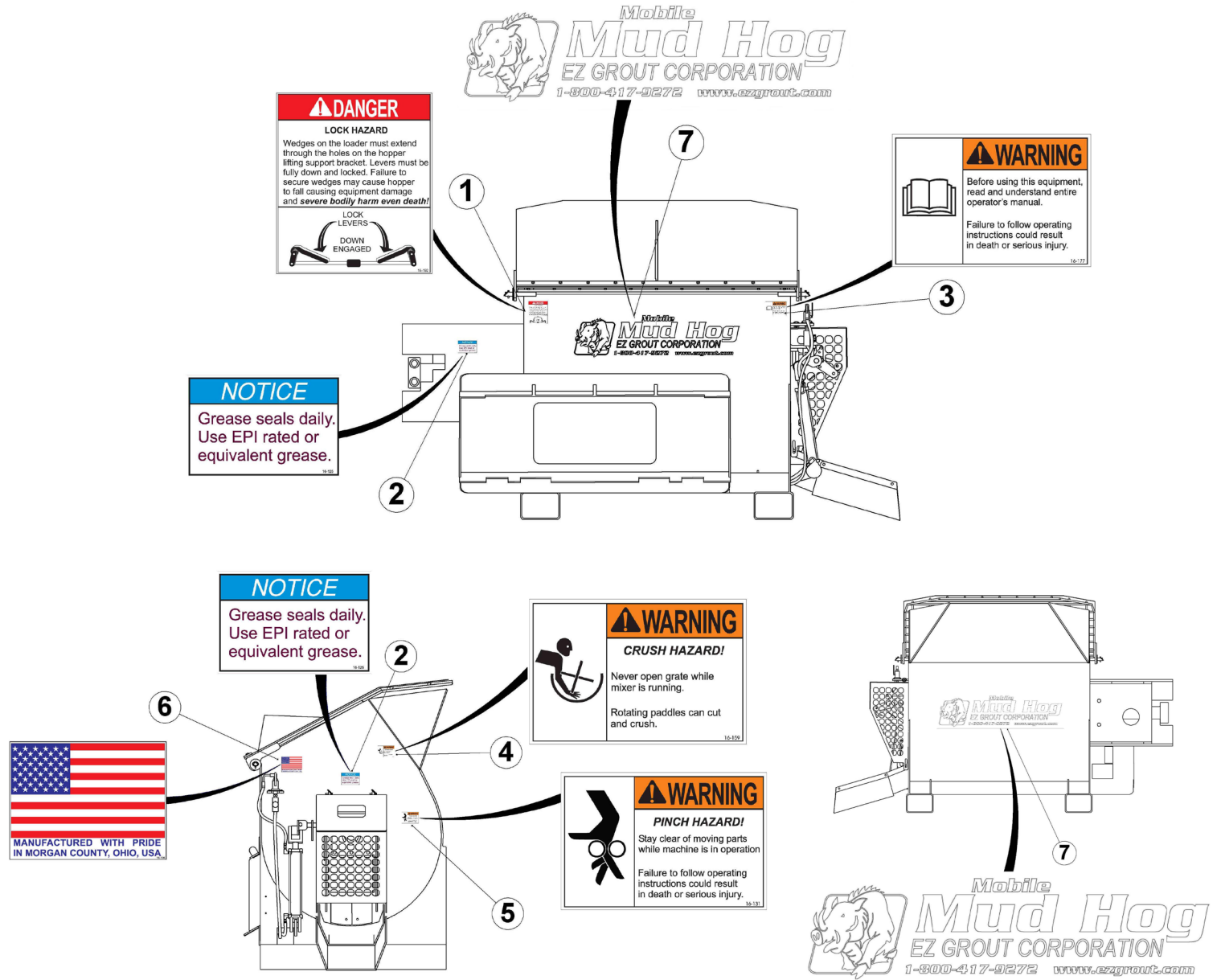
Warning! Before performing any described maintenance items, make sure equipment is turned off and hydraulic supply hoses are disconnected. Death or serious injury can result.

1. Check and grease all grease fittings.(Grease fitting location can be found on the Grease Fitting Location drawing in this manual)
2. For maximum performance, thoroughly clean inside and out at mid-day or lunch break and again at the end of each day's use. Do not allow a buildup of material to form on the blades and seals.
3. Check all hydraulic hoses and equipment for leaks. Fix any leaks before operating the Mobile Mud Hog®.
4. Check all welds and bolts. If a cracked weld is found, do not operate the Mobile Mud Hog® until repaired by qualified personnel. Tighten any loose bolts.
5. Check paddle shaft seal for excessive wear. If any mortar or concrete is leaking past the seal, change the seals immediately.
6. Check paddle rubbers for wear. Adjust or replace as needed.
7. Store properly in a clean dry location

Cleanup

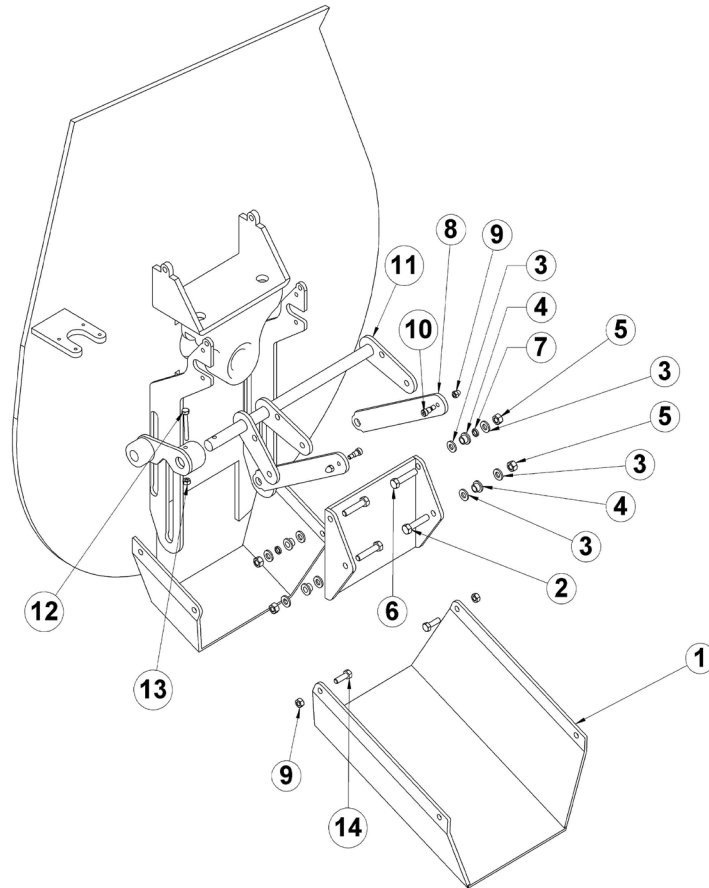
1. Turn off engine and disconnect hydraulic supply hoses.
2. For maximum performance, thoroughly clean inside and out at mid-day or lunch break and again at the end of each day's use. Do not allow a buildup of materials to form on the blades and seals.
3. Hose out and brush down mixing drum, then spray and brush paddles until all excess material is removed.
4. Grease the fittings and brush the face of drum seals until clean.
5. Remove gate and thoroughly clean weekly.

Warning Labels and Locations



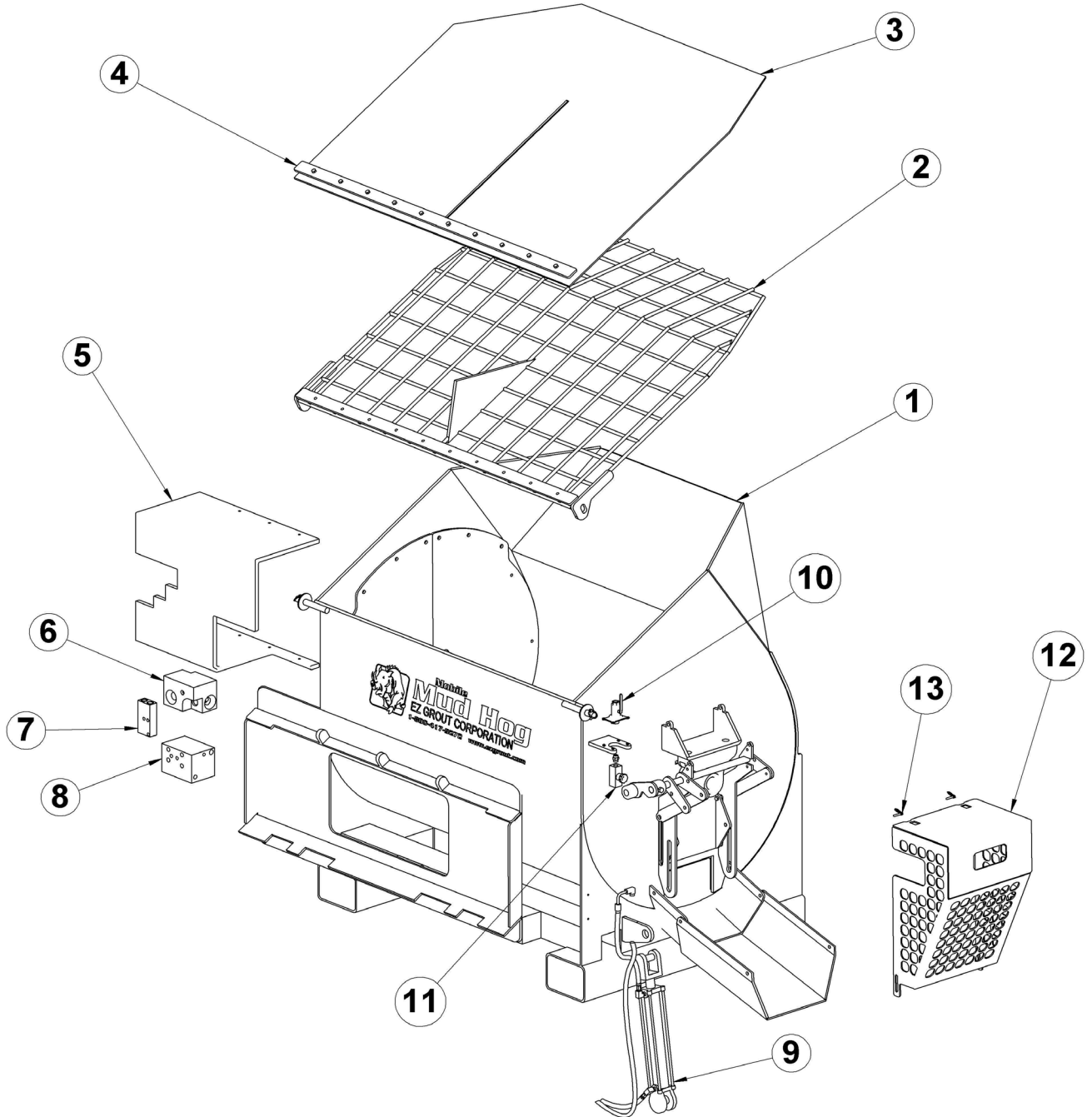
Item	Part Number	Description	Qty
1	16-192	Lock Levers Decal	1
2	16-125	Grease Seals Daily Decal	2
3	16-177	Read Owner's Manual Decal	1
4	16-159	Never Open Grate Decal	1
5	16-131	Small Pinch Point Decal	1
6	16-106	U.S. Flag Decal	1
7		Mud Hog Decal	2

MMH20 Mobile Mud Hog® - Gate



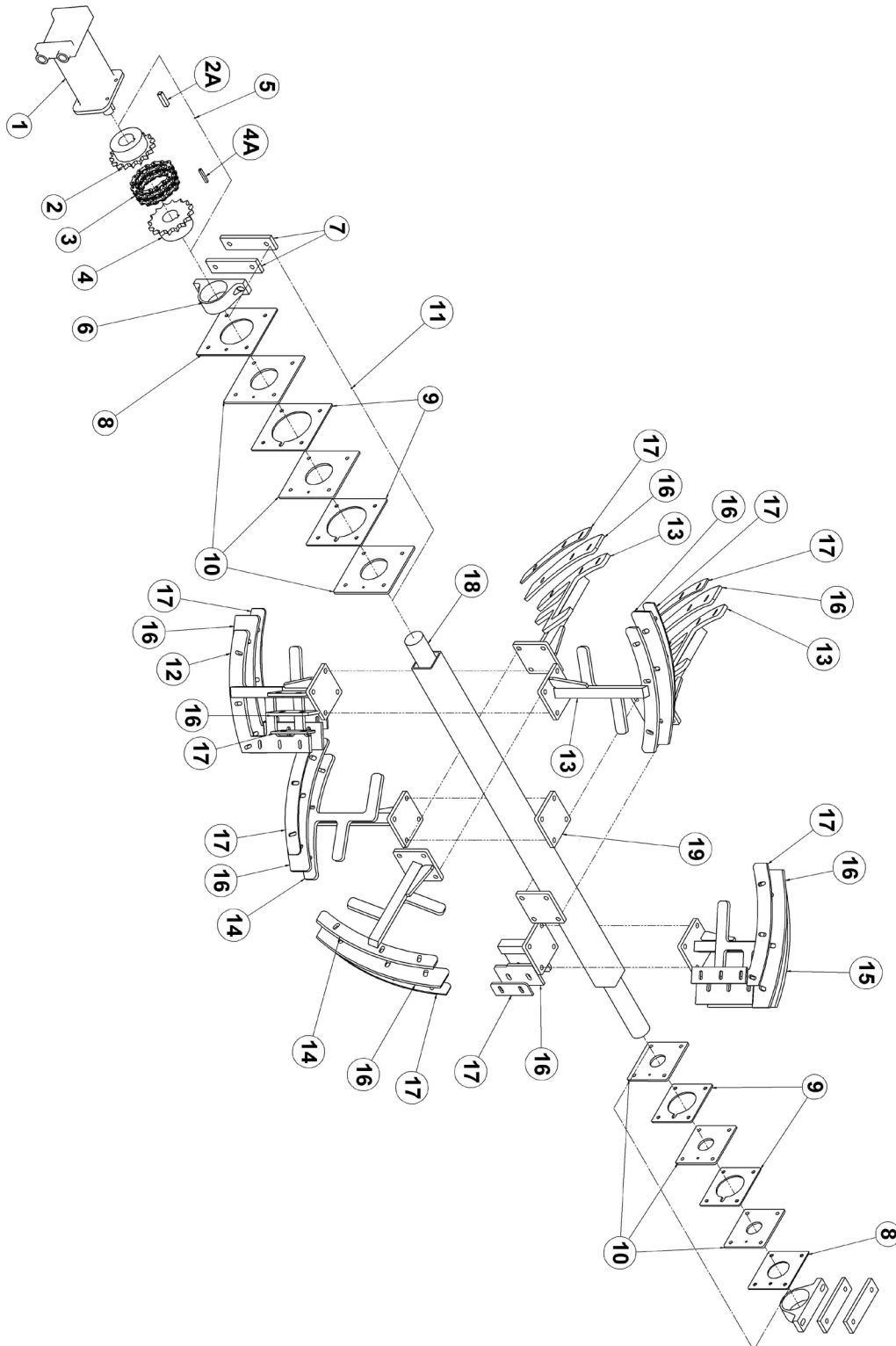
Item	Part Number	Qty	Description
1	MMH12-15	1	Discharge Chute
2	09-311	2	3/8-16 X 1-3/4" Hex Bolt
3	09-106	8	3/8" Flat Washer
4	15-144	4	Flanged Bushing
5	09-204	4	3/8-16 Nylon Lock Nut
6	09-308	2	3/8-16 x 1-1/2" Hex Bolt
7	15-142	2	Bushing
8	MMH20-9	2	Lower Gate Arm
9	09-202	5	5/16-18 Nylon Lock Nut
10	09-361	3	5/16 X 3/8 Shoulder Bolt
11	MMH20-8	1	Upper Gate Arm
12	09-343	1	1/4 -20 X 2" Hex Bolt
13	09-200	5	1/4 -20 Nylon Lock Nut
14	09-342	2	5/16-18 X 1" Hex Nut

MMH20 Mobile Mud Hog® - Frame



Item	Part Number	Qty	Description
1	MMH20-3	1	Frame
2	MMH-A-11	1	Grating
3	MMH-512	1	Vinyl Grating Cover
4	MMH20-13	1	Vinyl Cover Mounting Plate
5		1	MMH20 Chain Coupler Guard
6	02-643	1	Priority Flow Manifold
7	02-610	1	Sequence Valve
8	02-655	1	Port Adapter Manifold
9	02-700	1	Hydraulic Cylinder
10	02-614	1	Shut off / Ball valve
11	02-613	1	Flow Control Valve
12	MMH20-15	1	Gate Guard
13	09-400	2	1 /4 " Linch Pin

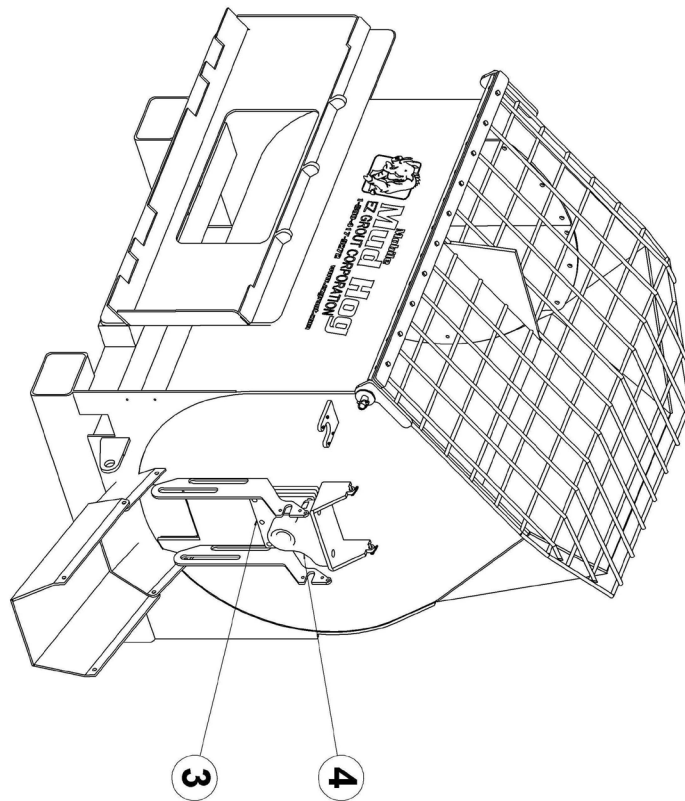
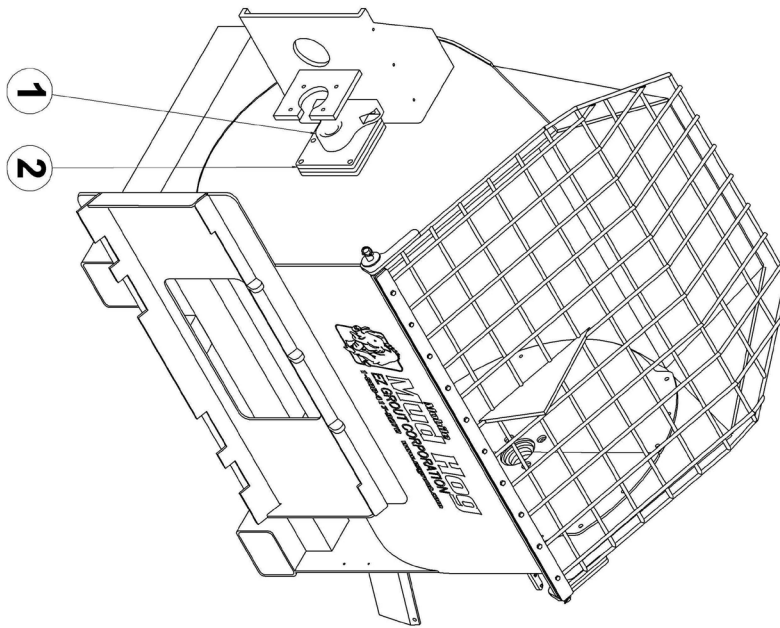
MMH20 Mobile Mud Hog® - Mechanical



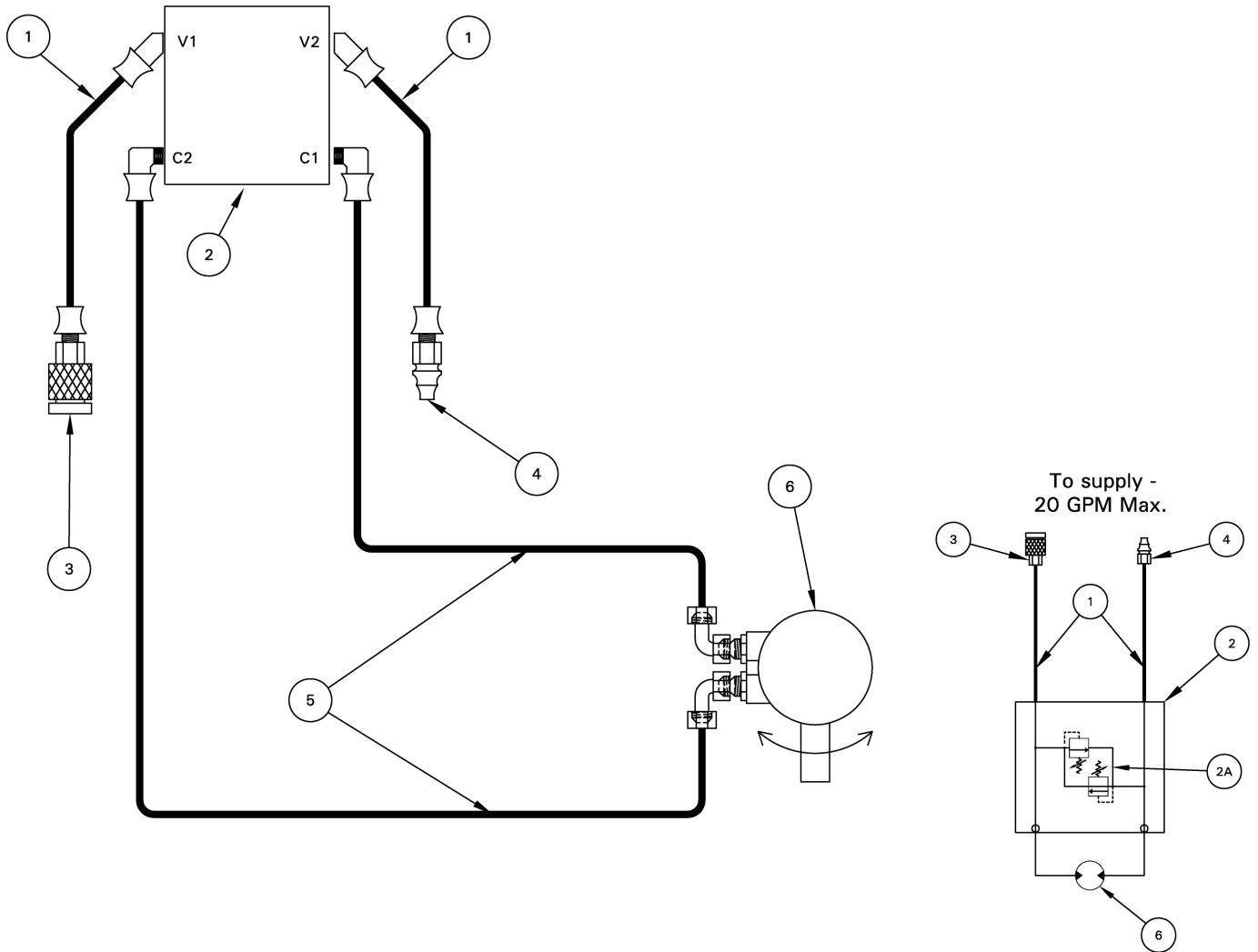
Item	Part Number	Qty	Description
1	02-417	1	Hydraulic Motor
2	15-105	1	#60 Motor Half Coupler
2A	MH-538	1	Motor Coupler Key
3	15-107	1	#60 Roller Chain
4	15-106	1	#60 Shaft Half Coupler
4A	MH-537	1	Shaft Coupler Key
5	MH-A-60	1	Shaft Coupler Kit (Includes (1) 15-105, (1) 15-106, (1) 15-107, (1) MH-537, (1) MH-538)
6	15-119	2	Roller Bearing
7	MH-62	3	Shaft Bearing Shim
8	MH-40	2	Shaft Seal Outer Plate
9	MH-36	4	Shaft Seal Inner Plate
10	13-113	6	Shaft Seal Rubber
11	MH-A-38	1	Shaft Seal Kit (Include (6) 13-113, (4) MH-36, (2) MH-40, (8) 09-313)
-	09-313	8	Shaft Seal Bolts
12	MH12-A-4	1	Drive End Outer Paddle
13	MH12-A-5	3	Drive End Center Paddle
14	MH12-A-6	2	Bearing End Center Paddle
15	MH12-A-7	1	Bearing End Outer Paddle
16	MH12-A-25	1	Paddle Rubber Kit W/Bolts (No Covers)
17	MH12-A-10	1	Paddle Cover Kit (No Rubbers, Bolts)
18	MH12-A-3	1	MH12 Paddle Shaft
19	MH-22	2	Paddle Mounts
-	MH12-A-8	1	MH12 Paddle Kit (Includes (1) MH12-A-4, (2) MH12-A-5, (2) MH12-A-6, (1) MH12-A-7, (1) MH12-A-25, Bolts) *MH-12-A-10 Not Incl.
-	MH-A-33	1	Paddle Bolt Kit
-	MH-A-40	1	Paddle Rubber Bolt Kit

MMH20 Mobile Mud Hog® - Grease Fitting

Check All Grease Fitting Location Daily. Grease As Needed.

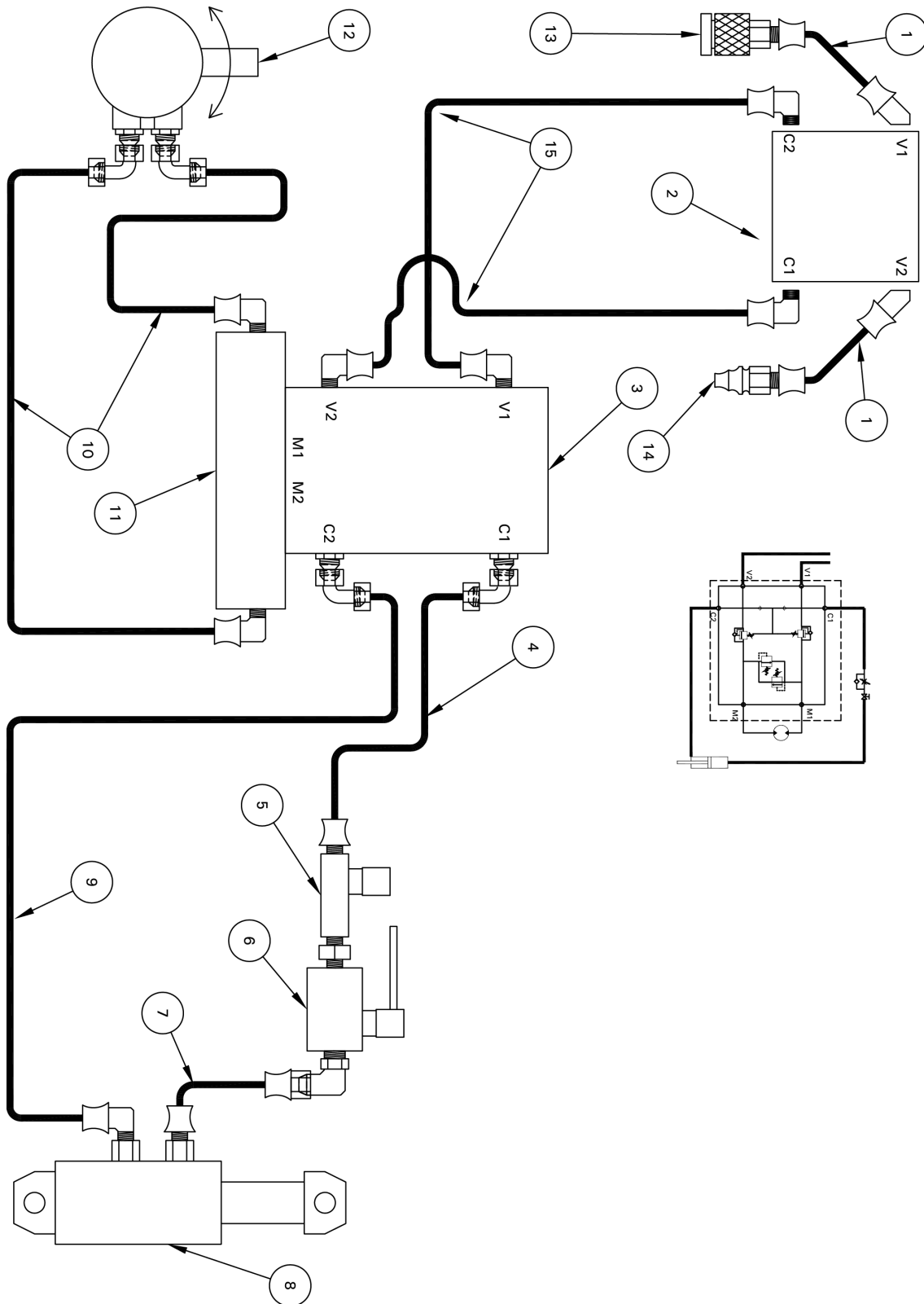


MMH20 Mobile Mud Hog® - Hydraulics (Manual Gate Model Only)



Item	Part Number	Qty	Description
1	MMH-A-1	2	MMH Hose Assembly, Supply, 73" OAL, NPTM/JICF
2	02-659	1	Hydraulic Relief Manifold
	02-634	1	Bidirectional Relief Cartridge
3	02-221	1	Female Hydraulic Coupler
4	02-222	1	Male Hydraulic Coupler
5	MMH12-A-10	2	MMH20 Hose Assy., V To M 33" OAL, 90° JICF/JICF
6	02-427	1	Hydraulic Motor

MMH20 Mobile Mud Hog® - Hydraulics (Hydraulic Gate Model Only)



Item	Part Number	Qty	Description
1	MMH-A-1	2	MMH Hose Assembly, Supply, 73" OAL, NPTM/JICF
2	02-643	1	Priority Flow Manifold
	02-647	2	Flow Regulator Cartridge
	02-648	2	Check Cartridge
3	02-610	1	Sequence Valve
	02-645	2	Sequence Cartridge
	02-634	1	Bidirectional Relief
4	MMH12-A-5	1	MMH 20 Hose Assy., SV to FV, 73" OAL, 90° JICF/JICF
5	02-613	1	Flow Control Valve
6	02-614	1	Shut Off Ball Valve
7	MMH12-A-6	1	MMH 20 Hose Assy., BV to CYL, 15" OAL, 90° JICF/NPTM
8	02-700	1	Gate Cylinder
9	MMH12-A-7	1	MMH 20 Hose Assy., V to CYL, 83" OAL, 90° JICF/JICF
10	MMH12-A-8	2	MMH 20 Hose Assy., V to M, 30" OAL, 90° JICF/JICF
11	02-655	1	Port Adapter Manifold
12	02-427	1	Hydraulic Motor
13	02-221	1	Female Hydraulic Coupler
14	02-222	1	Male Hydraulic Coupler
15	MMH12-A-9	2	MMH 20 Hose Assy., FV to SV, 17" OAL, JICF/JICF

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 one year 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 herein 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, the **Hog Crusher™** Material Recycling System.



Fax Warranty Registration form to 740-962-2037 or submit online at
www.ezgrout.com by clicking on "Products" then "Warranty Cards".

Warranty Registration

Contact: _____

Company Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____ Email: _____

Purchased From: Direct Distributor _____

Purchased Date: _____ Serial No.: _____

Please complete this warranty card, and return via mail, fax or email, 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 N. Riverview Road, Malta, OH 45758 *

Fax: 740-962-2037 * Email: warranty@ezgrout.com

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 Easy to use Price 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: _____
