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# OWNER'S MANUAL

## Model BHPC-400 Hydraulic Pail Crusher

Serial number \_\_\_\_\_

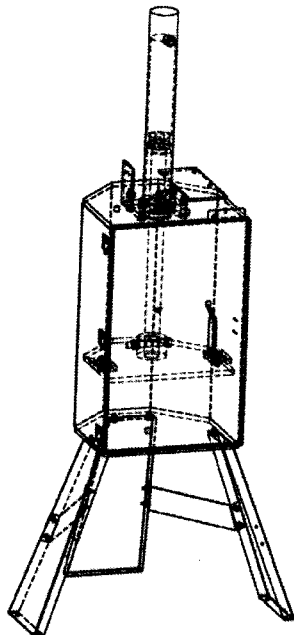
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### IMPORTANT NOTES, WARNINGS AND SAFETY INSTRUCTIONS

Ensure that all employees understand and follow the following.

- ⚠ **Failure to read and understand this owner's manual before using or servicing the pail crusher constitutes a misuse of the product.** All persons who will install, use, or care for this product must be familiar with this material.
- The crushing platen must be secured against dropping before any work is performed on the hydraulic system.
- Ensure that all information / safety / warning labels stay in place and remain legible.
- Do not use the pail crusher if any damage or unusual noise is observed.
- Always verify that the cabinet door is securely closed before the crusher is put into operation.
- The pail crusher is intended for crushing steel pails (standard 5-gallon and smaller) in non-classified indoor environments.
- Do not use brake fluid or jack oils in the hydraulic system. If oil is needed, use an anti-wear hydraulic oil with a viscosity grade of 150 SUS at 100°F, (ISO 32 cSt @ 40°C), or Dexron transmission fluid.
- Contact the manufacturer for any needed MSDS information.
- ◆ Do not perform any modifications to the pail crusher without the manufacturer's approval. Failure to receive authorization for changes to the equipment could void the warranty.
- ◆ Maintenance and repairs are to be done only by personnel qualified to perform the required work. Consideration will not be given for warranty repair charges without prior written authorization by the manufacturer.



### WHEN ORDERING

#### REPLACEMENT PARTS:

We take pride in using quality parts on the equipment we manufacture. We are not responsible for equipment problems resulting from the use of unapproved replacement parts.

To order replacement or spare parts for this equipment, contact the factory.

In any communication with the factory please be prepared to provide the machine's serial number, which is indicated on the machine dataplate.

### RECEIVING INSTRUCTIONS

It is possible that this product could incur damage during transit.

Inspect the unit closely when it arrives. *If you see evidence of damage or rough handling to either the packaging or to the product when it is being unloaded, **immediately** make a note of it on the Bill Of Lading!*

It is important that you remove the product's packaging upon its arrival to ensure that there is no concealed damage or to enable a timely claim with the carrier for freight damage.

Also verify that the product and its specifications are as ordered.

## INSTALLATION INSTRUCTIONS – BHPC-400

*Review this entire page before installing the pail crusher.*

*Consult the factory in the event there are any questions or problems at the time of installation, or for information regarding optional features not covered by the owner's manual.*

*The pail crusher must be removed from the shipping wood and securely anchored to a concrete surface before use!*

- Modifications or additions to the pail crusher without prior manufacturer's authorization may void the crusher's warranty.
- The installation of this machine must be made so that it complies with all the regulations applicable to the machine and its location. The end-user must verify that the supplied equipment is installed so it will be suited to the environment in which it will be used.
- Installation must be performed by suitably trained personnel with access to the appropriate equipment. The electrical aspects of the installation should be performed by an electrician.

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For a typical installation of a standard pail crusher, you will need the following:

1. A fork truck or hoisting means to unload the pail crusher from the freight truck and set it into place.
2. A smooth, level, and adequately strong concrete surface on which to mount the pail crusher.
3. Concrete anchors, a masonry drill, a masonry bit, and hand tools. Consult the building's architect or facility engineer to determine the best size and type of hardware with which to anchor the machine to the floor.
4. An appropriate power supply circuit and electrical disconnect matching the motor voltage and current requirements. Refer to the machine's dataplate, to the labels on the control enclosure, and to the electrical section in this manual for more information. The end-user is responsible for supplying the branch circuit's required ground fault and short-circuit protection. (Standard units have a 115V motor with overload protection provided by a built-in thermostat, and have an 8' long power cord with a molded 3-prong plug.)

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To install a standard pail crusher:

1. Move the pail crusher to the location at which it is intended to be operated. Use care to avoid damaging the power unit's electrical and hydraulic components.  
*Caution:* Once it is unbanded from the skid, the pail crusher will be top-heavy and can fall over.  
*Note:* The pail crusher's legs can be removed to allow the pail crusher to be used on top of a heavy work table, countertop, work bench, etc. If the legs are removed, the unit does not need to be anchored.
2. Anchor the frame to the floor (3/8" max.) through the holes located in the bottom flange of each leg.
3. If applicable, make permanent connection to the power supply, using an appropriate wiring method.
4. Operate the pail crusher through several full crush cycles. Verify that the crush platen's upper travel limit switch and the door limit switch function properly.
5. Check the hydraulic oil level. It should be filled to within about 1" of the reservoir's fill hole. If oil is needed, use an anti-wear hydraulic oil with a viscosity grade of 150 SUS at 100° F (ISO 32 at 40° C) or a non-synthetic automatic transmission fluid.
6. Clean up any debris or spilled oil, and verify that all of the information/safety/warning labels are in good condition.