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## BBL-OC-4 Open Center Bulk Bag Lifter



### Receiving Instructions

After delivery, remove the packaging from the product. Inspect the product closely to determine whether it sustained damage during transport. If damage is discovered, record a complete description of it on the bill of lading. If the product is undamaged, discard the packaging.

**NOTE:** The end-user is solely responsible for confirming that product design, use, and maintenance comply with laws, regulations, codes, and mandatory standards applied where the product is used.

### Technical Service & Replacement Parts

For answers to questions not addressed in these instructions and to order replacement parts, labels, and accessories, call our Technical Service and Parts Department at (260) 665-7586. The department can also be contacted online at [http://www.vestilmfg.com/parts\\_info.htm](http://www.vestilmfg.com/parts_info.htm).

### Electronic copies of Instruction Manuals

Additional copies of this instruction manual may be downloaded from <https://www.vestil.com/page-manuals.php>.

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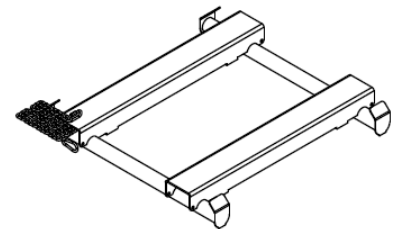
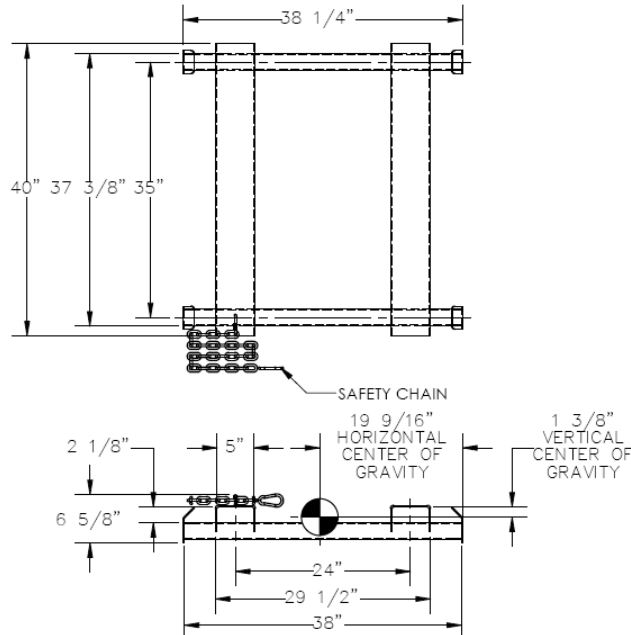
## SPECIFICATIONS (47-007-055)

Specifications for the model BBL-OC-4 open center bulk bag lifter are provided on Vestil's website. To access the appropriate specifications document, navigate to this webpage: <https://www.vestil.com/product.php?FID=1711>. Click the "Specifications" tab. Scroll the page to the entry for the model you purchased, and click the button in the PDF column that looks like a pencil inside a box. A PDF file will open. This file is the specifications document. Print a copy of the document and keep it with your copy of this manual. The following is a copy of the specifications document.

### BULK BAG LIFTER, OPEN CENTER - BBL-OC-4

APPROX WEIGHT: 91.74 lbs.  
DOES NOT INCLUDE WEIGHT OF POWER OR PACKAGING!!!

\*\*\* ANY ADDITIONS, DELETIONS, OR OMISSIONS MUST BE CORRECTED ON THIS DRAWING AS THIS DRAWING WILL BE CONSIDERED ALL INCLUSIVE \*\*\*  
ALL GRAPHICS PROVIDED ARE FOR REFERENCE ONLY. IF CERTAIN DIMENSIONS ARE CRITICAL PLEASE VERIFY THOSE DIMENSIONS WITH YOUR SALESPERSON



APPROX. WEIGHT / LOST LOAD = 92 LBS.  
EFFECTIVE THICKNESS = FORK LENGTH MINUS 40"

NEVER EXCEED LOAD CENTER RATING PER  
FORK TRUCK MANUFACTURER'S GUIDELINES.  
DO NOT USE THIS FORK TRUCK ATTACHMENT IF  
LOAD WILL EXCEED FORK TRUCK  
MANUFACTURER'S LOAD CENTER RATING

#### STANDARD FEATURES

MODEL NUMBER IS: BBL-OC-4  
CAPACITY IS: 4,000 LBS EVENLY DISTRIBUTED  
OVERALL LENGTH IS: 40"  
USABLE LENGTH IS: 37 3/8"  
OVERALL WIDTH IS: 38 1/4"  
USABLE WIDTH IS: 29 1/2" TO 38"  
OVERALL HEIGHT IS: 6 5/8"  
FORK POCKETS: 5"W X 2 1/8"H  
USABLE ON 24" CENTERS  
SAFETY CHAIN TO SECURE UNIT TO FORK TRUCK  
TOUGH BAKED IN POWDER COATED YELLOW FINISH

#### SPECIAL FEATURES

NONE

DIMENSION TOLERANCE  $\pm 1/4"$

APPROVAL

I, THE UNDERSIGNED, AGREE THAT THE PRODUCT AS REPRESENTED SATISFIES DESIGN AND DIMENSION REQUIREMENTS. I ALSO ACKNOWLEDGE MY DUTY TO CONFIRM PRODUCT AND INSTALLATION COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS AND STANDARDS.  
**UNITS REQUIRING APPROVAL DRAWINGS OR MODIFIED ARE NON-RETURNABLE**  
[ ] As drawn [ ] As marked

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

LEAD TIME WILL START UPON RECEIPT OF SIGNED APPROVAL DRAWING

DISTRIBUTOR'S NAME:

VESTIL MANUFACTURING

DRAWN BY:

DATE:

3/30/2021

REFERENCE: X

SCALE: 1:16

QUOTED LEAD TIME: X

QUOTE #

X

P.O.#

X

W.O.#

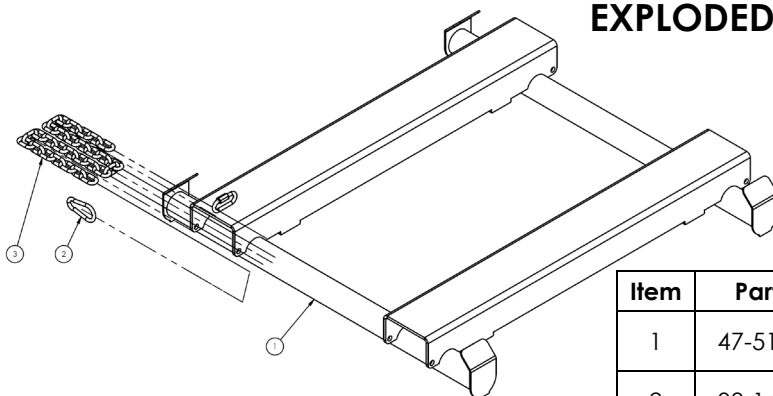
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SALES: X

FILE NAME:

47-007-055

## EXPLODED VIEW AND BILL OF MATERIALS (47-006-055)



| Item | Part no.   | Description                          | Qty. |
|------|------------|--------------------------------------|------|
| 1    | 47-514-029 | WELDMNT, FRAME, OPEN CENTER          | 1    |
| 2    | 08-145-041 | SPECIALTY HARDWARE, SNAP HOOK, Ø5/16 | 1    |
| 3    | 99-145-037 | Ø 5/16" CHAIN 36" ("CARRIAGE CHAIN") | 1    |

## NATIONAL STANDARDS

US OSHA Rule 1910.178 (29 CFR 1910.178; the “Rule”) classifies this device as a front end attachment whenever it is mounted on the forks of a lift truck. The Rule incorporates American National Standard ANSI/ITSDF B56.1 (the “Standard”). The Standard is published by the Industrial Truck Standards Development Foundation on its website where it is freely downloadable at <http://www.itsdf.org/cue/b56-standards.html>. Before putting this device into service, you must acquire a copy of the Standard. Apply all relevant parts of Part II: For the User. If instructions provided in this manual conflict with the Standard, then apply the instructions in the Standard. Vestil requests that you immediately bring such conflicts to the attention of its [TECHNICAL SERVICE](#) personnel. Contact information for [TECHNICAL SERVICE](#) appears on the cover page of this manual.

## SIGNAL WORDS

This manual uses SIGNAL WORDS to indicate the likelihood of personal injuries, as well as the probable seriousness of those injuries, if the product is misused in the ways described. Other signal words call attention to uses of the product likely cause property damage. The following are signal words used in this manual and their definitions.

|                                                                                                  |                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>DANGER</b>  | <b>Identifies a hazardous situation which, if not avoided, <u>WILL</u> result in DEATH or SERIOUS INJURY. Use of this signal word is limited to the most extreme situations.</b> |
|  <b>WARNING</b> | <b>Identifies a hazardous situation which, if not avoided, <u>COULD</u> result in DEATH or SERIOUS INJURY.</b>                                                                   |
|  <b>CAUTION</b> | <b>Indicates a hazardous situation which, if not avoided, <u>COULD</u> result in MINOR or MODERATE injury.</b>                                                                   |
| <b>NOTICE</b>                                                                                    | <b>Identifies practices likely to result in product/property damage, such as operation that might damage the product.</b>                                                        |

## SAFETY INSTRUCTIONS

Vestil strives to identify foreseeable hazards associated with the use of its products. However, no manual can address every conceivable risk. The most effective way to avoid injury is to exercise sound judgment when assembling, using, inspecting, and maintaining this crane.

### WARNING

Risks of serious personal injuries or death.

- **Read this manual in its entirety before installing, using or servicing the product.** Read the manual to refresh your understanding of use, inspection, and maintenance procedures as necessary. A copy of this manual should always be available to all persons who use, inspect and/or maintain this device.
- Review the safety messages included on labeling, and in the manuals, of devices used with this bulk bag lifter, e.g. bulk bag and forklift.
- Inspect & maintain the lifter as instructed in the [INSPECTIONS & MAINTENANCE](#) section on p. 4. Do not use the lifter unless it is in [SATISFACTORY CONDITION](#). See [RECORD OF SATISFACTORY CONDITION](#), p. 4.
- DO NOT remove or obscure any label. Before using the lifter, confirm that all labels are in place and easily readable from a reasonable distance. See [LABELING DIAGRAM](#) on p. 5.
- DO NOT allow people to ride in the bulk bag or on the lifter.
- DO NOT lift more than the capacity/rated load of this lifter or the bulk bag, whichever is smaller. The capacity of the lifter is 4,000 pounds (1818.2 kg). The capacity of Vestil's FAB-H bulk bag is 3,300 pounds (1500kg). If this lifter is used to lift and move FAB-H bags, do not lift more than 3,300 pounds.
- Before mounting a bulk bag on the lifter, inspect the bulk bag handles and the bag. Confirm that all parts are in good condition. DO NOT use the lifter to support or transport a bag UNLESS the handles and bag are undamaged.
- DO NOT lift or travel with a load elevated more than necessary to avoid contact with the ground. Bag contents might shift during transport so travel slowly. Avoid sudden stops to minimize load swing. Turn slowly and carefully. Make sure that the travel path is clear of persons and obstacles before transporting a bulk bag with this lifter.
- Use this product consistently with both the relevant portions of the current revision of ANSI/ITSDF B56.1 and your lift truck operator training.
- DO NOT pull or drag loads with the lifter. ONLY use the lifter to lift and transport bulk bags.
- DO NOT leave a suspended load unattended. Always land the load before leaving it unattended.

## ⚠ WARNING

- DO NOT modify the lifter in any way. Modifications automatically void the [LIMITED WARRANTY](#) (on p. 6) and might make the lifter unsafe to use.

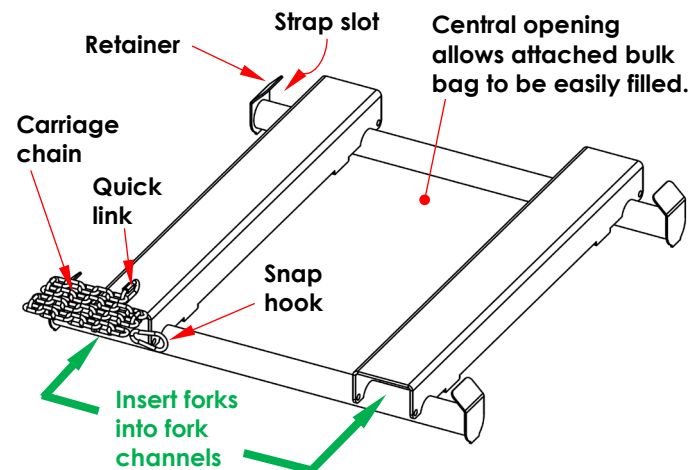
### USING THE LIFTER

The bag lifter mounts on the forks of a forklift.

**NOTE:** Capacity information appears in the [SPECIFICATIONS](#) section on p. 2 as well as on label #1153. See [LABELING DIAGRAM](#) on p. 5. The capacity of this lifter is 4000 lb. (1818.2kg). Do not attempt to lift loads that exceed the capacity of your unit. The forklift used with this device must be able to support the combined weight of the lifter, the bulk bug, and the material inside the bulk bag.

#### Mounting the lifter on forks:

- Adjust the positions of the forks to match the locations of the fork channels of the lifter.
- Insert the forks through both fork channels.
- Wrap the carriage chain around part of the fork carriage. Attach the snap hook to the quick link or to a link in the chain. *There must be no slack in the chain!* The lifter must not be able to slide on the forks.
- Elevate the forks. Attach a fabric hopper/bulk bag to the lifter. Attach each of the (4) straps of the bag to one of the arms of the lifter. Slide the straps over the retainers and seat them in the strap slots. Material can be loaded into the bag through the central opening of the lifter,



[OSHA rule 29 CFR 1910.178](#) applies to front end attachments. The rule requires that you contact the manufacturer of your fork truck (or a professional engineer). The manufacturer must determine how using the lift affects the capacity, operation, and maintenance of your fork truck. The analysis can also be performed by a professional engineer. Afterwards, plates, tags, labels, etc. affixed to the truck must be updated. The truck should also be marked to identify this BBL-4 attachment and to display the approximate weight of the truck and attachment combination at maximum elevation with a laterally centered load.

### RECORD OF SATISFACTORY CONDITION (THE "RECORD")

Before putting the lifter into service, record its appearance. Thoroughly photograph the unit so that all features are clearly visible. Take close range photographs of each label and/or tag as well as the carriage chain and snap hook. Collect the photographs in a file. The file is a record of the unit in satisfactory condition. Compare the results of each inspection to this record to determine whether the unit is in satisfactory condition. Do not use it unless it is in satisfactory condition.

### INSPECTIONS & MAINTENANCE

Compare the results of each inspection to the [RECORD](#) to determine whether the unit is in satisfactory condition. DO NOT use the lifter unless it is in satisfactory condition. Only use manufacturer-approved replacement parts to restore the unit to satisfactory condition. Never make temporary repairs of damaged or missing parts. **DON'T GUESS! If you have any questions about the condition of your unit, contact the [TECHNICAL SERVICE](#) department.** The phone number is provided on the cover page of this manual. Purely cosmetic changes, such as chipped paint, are not changes from satisfactory condition. However, unprotected steel rusts so touchup paint should be applied to all areas where the finish is damaged as soon as the damage occurs. Left unaddressed, rusting could compromise the soundness of the metal and create a safety hazard.

#### (A) Inspect the listed components **before each use**:

- 1.) Frame: Inspect the fork channels, and main frame for deformations, cracks, etc.
- 2.) Carriage chain, quick link, and snap hook: Closely examine each item for cracks, twists, elongations, thinned areas, and rusting/corrosion, or significant wear.
- 3.) Labels & tags: Confirm that each label and/or tag is present and easily readable.

#### (B) **Annual inspection:** At least once per year, load the lifter to full capacity. Lift the load for about 1 minute; then lower it and disconnect the load from the lifting hook. Examine the lifter for metal fatigue, cracks, warps, and other damage. If significant damage is found, permanently remove the unit from service.

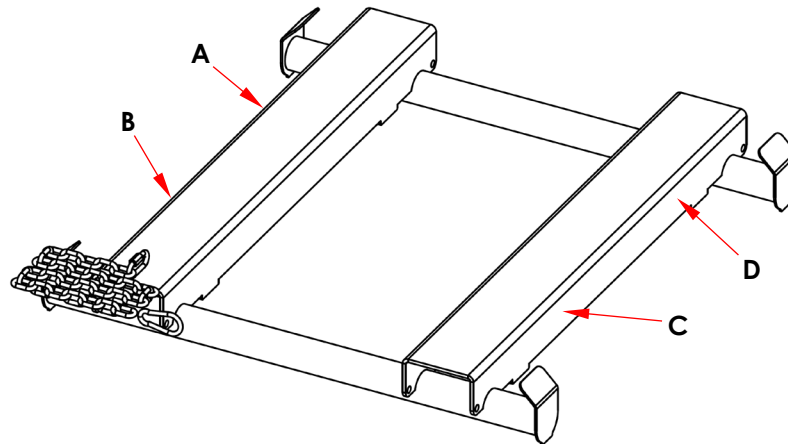
## ACCESSORY EQUIPMENT

A selection of equipment is available for use with BBL-OC-4 bulk bag lifters:

- **BBL-RK-72:** Portable bulk bag support rack. The rack provides a freestanding means for deploying a bulk bag. Integral fork pockets are provided and allow the rack to be transported via lift truck. Rack units can be stackable (no than 2 racks should be stacked). Steel construction provides high strength and stability.
- **BBL-OC-RK:** Steel arms that fasten to an open center bulk bag lifter (BBL-OC-4). These arms allow an open center bulk bag lifter (BBL-OC-4 ) to be removably mounted on the upper supports of a BBL-RK-72 support rack. Hang a bulk bag from the lifter. The filled bulk bag can be moved while the rack remains in place simply by inserting the forks of your lift truck through the fork channels of the lifter and lifting it free of the rack.
- **BBL-B001:** Complete open center bulk bag kit. The kit includes a bulk bag lifter (BBL-OC-4), 4 lifter mounting arms (BBL-OC-RK), and a bulk bag rack (BBL-RK-72). This kit provides the user with an optimally versatile bulk storage system.

## LABELING DIAGRAM

Label content and location are subject to change so your product might not be labeled exactly as shown. Compare the diagram below to your [RECORD OF SATISFACTORY CONDITION](#). If differences between applied labeling and this diagram exist, contact [TECHNICAL SERVICE](#). Replace all labels that are damaged, missing, or not easily readable (e.g. faded). To order replacement labels, or to inquire whether your unit is properly labeled, contact the [TECHNICAL SERVICE AND PARTS DEPARTMENT](#) online at [http://www.vestilmfg.com/parts\\_info.htm](http://www.vestilmfg.com/parts_info.htm) or by calling (260) 665-7586 and asking for the Parts Department.



A: Label 1153

|                                                             |
|-------------------------------------------------------------|
| MODEL / MODÉLO / MODÈLE _____                               |
| WEIGHT / PESO / MASS _____                                  |
| CAPACITY / CAPACIDAD / CAPACITÉ _____                       |
| SERIAL / SERIE / SÉRIE _____                                |
| UNITS: 2.2 lb. = 1kg      1" (or 1in.) = 2.54cm <b>1153</b> |

B: Label 218

| ⚠ WARNING                                                                                                                                                                                                                                                                                                                                                            | ⚠ ADVERTENCIAS                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Improper use might result in death or serious personal injury. Attach device to fork carriage with safety chain/strap.<br>• Drive lift truck forward until forks contact ends of fork pockets.<br>• Chain/straps must not be able to disconnect (slide free) from carriage.<br>• Safety chain/strap must be taut. Connect chain/strap to carriage via shortest line. | El uso impropio puede resultar en muerte o heridas personales. Atar aparato al mástil del montacargas con cadenas/correas.<br>• Maneje el montacargas para adelante hasta que las cuñas hagan contacto con la orilla del bolsillo de las cuñas.<br>• La cadenas y correas no deben de deslizarse (soltarse) del mástil del montacargas.<br>• La cadena/correa de seguridad debe de estar apretado. Asegure la cadena/correa al mástil via la ruta mas corta. |

C: Label 675

| ⚠ WARNING                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ⚠ ADVERTENCIA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| • DO NOT exceed rated capacity<br>• DO NOT use if damaged, malfunctioning, or missing parts<br>• DO NOT lift people OR lift loads over people<br>• DO NOT raise load higher than necessary<br>• DO NOT leave a suspended load unattended<br>• DO NOT use lifter unless you read and understand the owner's manual<br>• DO NOT alter OR modify lifter<br>• DO NOT remove OR obscure any label<br>• STAY CLEAR of suspended loads<br>• Secure load before using this device | • NO exceda la capacidad tasada<br>• NO USE si las partes estan dañadas, no funcionan correctamente o faltan partes.<br>• NO eleve al personal o eleve cargas sobre el personal<br>• NO eleve la carga mas alto de lo necesario<br>• NO deje desatendida una carga que este suspendida<br>• NO use el elevador a no ser que haya leído y entendido las instrucciones del manual del propietario<br>• NO altere o modifique el elevador<br>• NO quite u oscurezca ninguna etiqueta<br>• MANTENGASE alejado de las cargas suspendidas<br>• Asegure la carga antes de usar este dispositivo |

D: Label 1049

| ⚠ WARNING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Improper use of this fork attachment might result in death or serious injury.<br>• Using this front end attachment affects lift truck center of gravity.<br>• Before using this fork attachment, US Federal regulation 29 CFR 1910.178 requires you to contact the manufacturer of your lift truck and request:<br>1. Written approval [29 CFR 1910.178(a)(4)]<br>2. Markings for (fork) lift truck that:<br>- Identify the attachment;<br>- Give approximate weight of truck and attachment at maximum elevation with laterally-centered load. [29 CFR 1910.178(a)(5)].<br>• DO NOT use UNTIL lift truck is marked with corrected capacity tags. |



## LIMITED WARRANTY

Vestil Manufacturing Corporation ("Vestil") warrants this product to be free of defects in material and workmanship during the warranty period. Our warranty obligation is to provide a replacement for a defective, original part covered by the warranty after we receive a proper request from the Warrantee (you) for warranty service.

### Who may request service?

Only a warrantee may request service. You are a warrantee if you purchased the product from Vestil or from an authorized distributor AND Vestil has been fully paid.

### Definition of "original part"?

An original part is a part used to make the product as shipped to the Warrantee.

### What is a "proper request"?

A request for warranty service is proper if Vestil receives: 1) a photocopy of the Customer Invoice that displays the shipping date; AND 2) a written request for warranty service including your name and phone number. Send requests by one of the following methods:

| <u>US Mail</u>                                                                              | <u>Fax</u>                                       | <u>Email</u>                                                                                                  |
|---------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Vestil Manufacturing Corporation<br>2999 North Wayne Street, PO Box 507<br>Angola, IN 46703 | (260) 665-1339<br><u>Phone</u><br>(260) 665-7586 | <a href="mailto:info@vestil.com">info@vestil.com</a><br>Enter "Warranty service request"<br>in subject field. |

In the written request, list the parts believed to be defective and include the address where replacements should be delivered. After Vestil receives your request for warranty service, an authorized representative will contact you to determine whether your claim is covered by the warranty. Before providing warranty service, Vestil will require you to send the entire product, or just the defective part (or parts), to its facility in Angola, IN.

### What is covered under the warranty?

The warranty covers defects in the following original, dynamic parts: motors, hydraulic pumps, motor controllers, and cylinders. It also covers defects in original parts that wear under normal usage conditions ("wearing parts"), such as bearings, hoses, wheels, seals, brushes, and batteries.

### How long is the warranty period?

The warranty period for original dynamic components is 1 year. For wearing parts, the warranty period is 90 days. Both warranty periods begin on the date Vestil ships the product to the Warrantee. If the product was purchased from an authorized distributor, the periods begin when the distributor ships the product. Vestil may, at its sole discretion, extend a warranty period for products shipped from authorized distributors by up to 30 days to account for shipping time.

### If a defective part is covered by the warranty, what will Vestil do to correct the problem?

Vestil will provide an appropriate replacement for any covered part. An authorized representative of Vestil will contact you to discuss your claim.

### What is not covered by the warranty?

The Warrantee (you) is responsible for paying labor costs and freight costs to return the product to Vestil for warranty service.

### Events that automatically void this Limited Warranty.

- Misuse;
- Negligent assembly, installation, operation or repair;
- Installation/use in corrosive environments;
- Inadequate or improper maintenance;
- Damage sustained during shipping;
- Collisions or other accidents that damage the product;
- Unauthorized modifications: Do not modify the product IN ANY WAY without first receiving written authorization from Vestil.

### Do any other warranties apply to the product?

Vestil Manufacturing Corp. makes no other express warranties. All implied warranties are disclaimed to the extent allowed by law. Any implied warranty not disclaimed is limited in scope to the terms of this Limited Warranty. Vestil makes no warranty or representation that this product complies with any state or local design, performance, or safety code or standard. Noncompliance with any such code or standard is not a defect in material or workmanship.