



## Vestil Manufacturing Corp.

2999 North Wayne Street, P.O. Box 507, Angola, IN 46703

Telephone: (260) 665-7586 -or- Toll Free (800) 348-0868

Fax: (260) 665-1339

Website: [www.vestil.com](http://www.vestil.com) e-mail: [info@vestil.com](mailto:info@vestil.com)

# C-HOP FRONT OPENING HOPPERS



### 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 <https://www.vestil.com/page-parts-request.php>.

### Electronic Copies of Instruction Manuals

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

### Table of Contents

	Page
Specifications.....	2
C-HOP-200 Exploded View and Bill of Materials.....	3
C-HOP-300 Exploded View and Bill of Materials.....	4
Signal Words.....	5
Safety Instructions.....	5
National Standards.....	6
Using the Hopper.....	6
Record of Satisfactory Condition.....	7
Inspections & Maintenance.....	7
Labeling Diagram.....	8
Limited Warranty.....	9

# SPECIFICATIONS

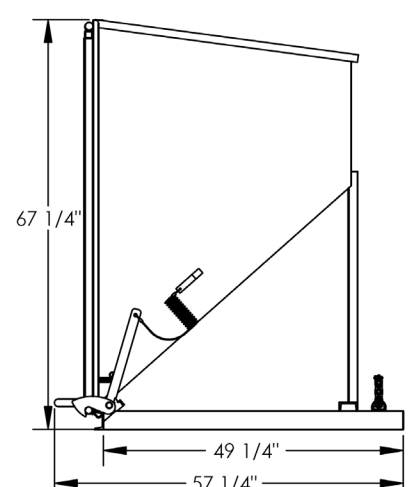
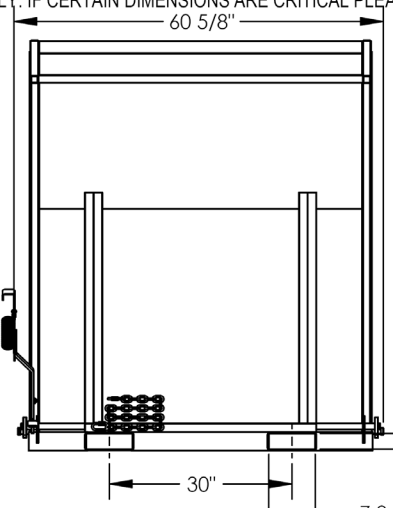
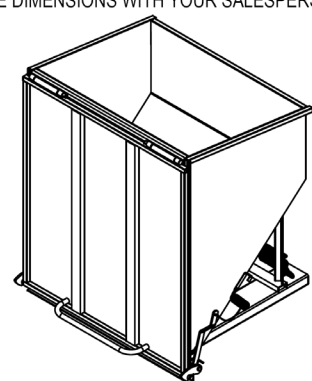
Specifications documents for C-HOP series hoppers are provided on Vestil's website. To access the appropriate specifications document, navigate to the product webpage: <https://www.vestil.com/product.php?FID=455>. Click the "Product Specifications Table" drop-down menu bar partway down the page. Scroll down to the entry for the model you purchased and click the button in the column titled "PDF's" that looks like a pencil inside a box. A PDF file will open. This file is the specifications document. Print a copy of the drawing and keep it with your copy of this manual. The following is an exemplar specifications document.

## STEEL CHUTE HOPPERS - C-HOP-200

APPROX WEIGHT: 805.31 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

67 1/4"

49 1/4"

57 1/4"

60 5/8"

30"

7 3/4"

2 3/4"

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.

APPROX. WEIGHT/ LOST LOAD= 805.31 LBS.  
FOR FORKS LONGER THAN 50"  
EFFECTIVE THICKNESS= FORK LENGTH MINUS 49 1/4"  
FOR FORK LENGTHS 48" OR SHORTER  
MINIMUM EFFECTIVE THICKNESS= LESS THAN 1"

**STANDARD FEATURES**  
MODEL NUMBER: C-HOP-200  
CAPACITY: 2,000 LBS.  
VOLUME: 2 CUBIC YARDS  
OVERALL WIDTH: 60 5/8"  
OVERALL LENGTH: 57 1/4"  
OVERALL HEIGHT: 67 1/4"  
FORK POCKETS: 7 3/4" W x 2 3/4" H  
USABLE ON 30" CENTERS  
FORK POCKETS LENGTH: 49 1/4"  
PULL CABLE RELEASE  
AUTOMATIC DOOR RETURN AND LATCH  
SAFETY CHAIN TO SECURE TO TRUCK  
DURABLE LIQUID PAINT BLUE FINISH

**SPECIAL FEATURES**  
NONE

DIMENSION TOLERANCE ± 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

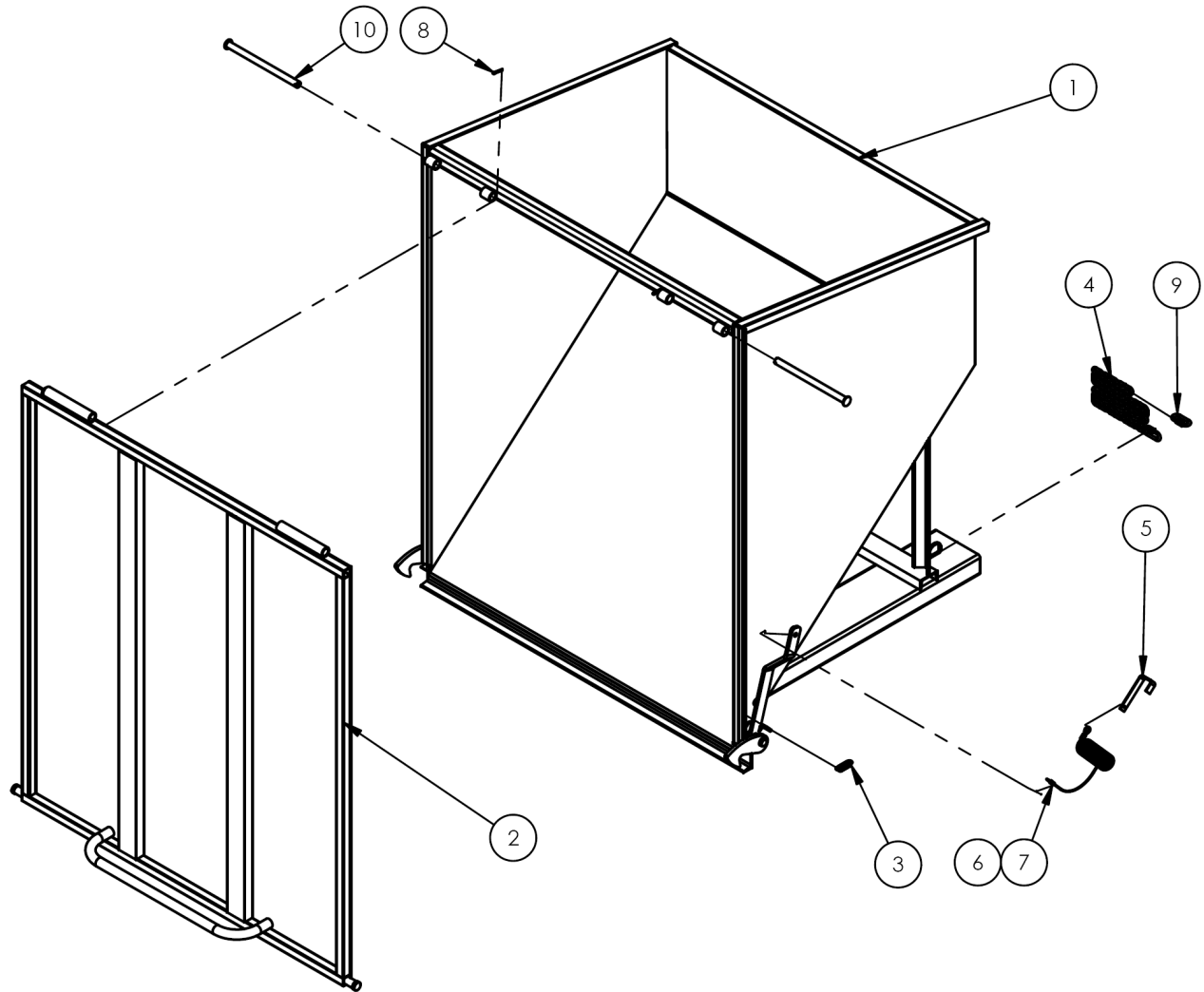
Signed: \_\_\_\_\_ Date: \_\_\_\_\_

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

LEAD TIME WILL START UPON RECEIPT OF SIGNED APPROVAL DRAWING

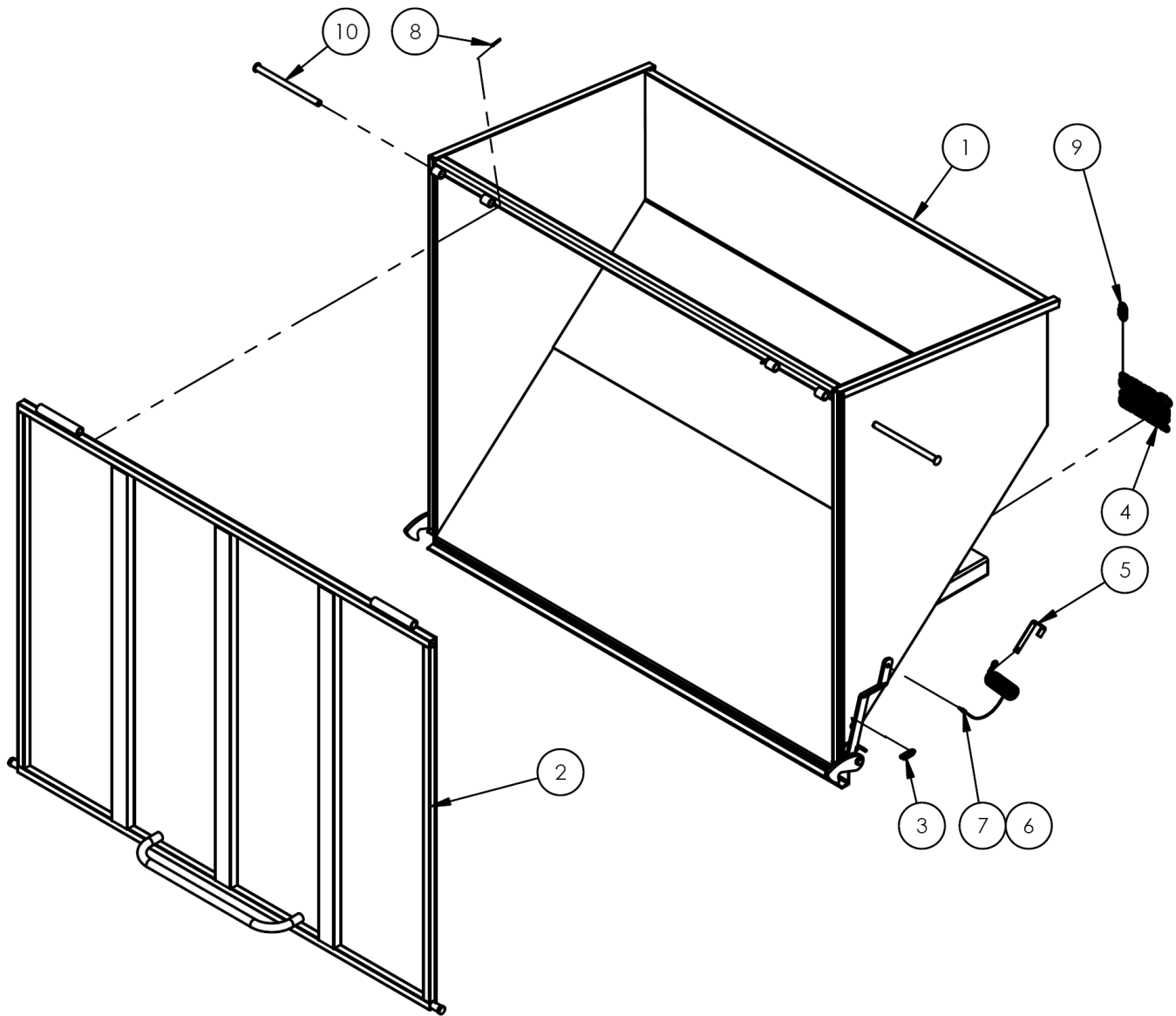
DISTRIBUTOR'S NAME:		P.O.#	
VESTIL MANUFACTURING		X	
DRAWN BY: WS	DATE: 3/31/2008	SALES:	X
REFERENCE: X	SCALE: 1:20	FILE NAME:	
QUOTED LEAD TIME: X	QUOTE #	37-007-045	
	X		

### C-HOP-200 EXPLODED VIEW & BILL OF MATERIALS 37-006-045



Item	Part no.	Description	Qty.	Item	Part no.	Description	Qty.
1	37-514-031	WELDMENT, ASSEMBLY FRAME	1	6	37-145-009	SPECIALTY HARDWARE CABLE	1
2	37-545-066	WELDMENT, CHUTE, DOOR	1	7	43383	SWAGE SLEEVE Ø1/8" X 5/8" LONG	2
3	37-146-001	EXTENSION SPRING	1	8	65125	COTTER PIN Z PLATED, 3/16" x 1 1/2"	2
4	99-145-037	Ø 5/16" CHAIN 36"	1	9	99-145-053	QUICK LINK, 5/16"	2
5	37-025-002	HANDLE, CHUTE RELEASE	1	10	37-112-045	PIN, HINGE AXLE	2




### C-HOP-300 EXPLODED VIEW & BILL OF MATERIALS 37-006-046



Item	Part no.	Description	Qty.	Item	Part no.	Description	Qty.
1	37-514-032	WELDMENT, ASSEMBLY FRAME	1	6	37-145-009	SPECIALTY HARDWARE CABLE	1
2	37-545-067	WELDMENT, CHUTE, DOOR	1	7	43383	SWAGE SLEEVE Ø1/8" X 5/8" LONG	2
3	37-146-001	EXTENSION SPRING	1	8	65125	COTTER PIN Z PLATED, 3/16" x 1 1/2"	2
4	99-145-037	Ø 5/16" CHAIN 36"	1	9	99-145-053	QUICK LINK, 5/16"	2
5	37-025-002	HANDLE, CHUTE RELEASE	1	10	37-112-045	PIN, HINGE AXLE	2

## SIGNAL WORDS

SIGNAL WORDS in this manual draw the reader's attention to important safety-related messages.

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

## SAFETY INSTRUCTIONS

Vestil strives to identify all foreseeable hazards associated with the use of its products, but no manual can address every conceivable risk. Avoid injury by applying sound judgment whenever using this device. Acquire a copy of the latest version of ANSI B56.1 ("B56.1" or the "Standard"). The Standard is freely downloadable on [www.ITSDF.org](http://www.ITSDF.org). Apply all portions of Part II "For the User" that concern the use of attachments and removable attachments. The following instructions complement provisions of B56.1.

### **WARNING**

Risk of serious personal injuries or death!

- Before this product may be used, U.S. Occupational Safety and Health Administration rule 1910.178(a)(4) and (a)(5) require that the owner/user: 1) Obtain written approval from the manufacturer(s) of all forklifts [or from a professional engineer] that will use the hopper; 2) Change capacity, operation, and maintenance instruction plates, tags, or decals accordingly; AND 3) Mark the forklift truck to identify the beam and show the approximate weight of the truck and beam combination at maximum elevation with load laterally centered. Requirements are published at <https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.178>.
- Read & understand this entire manual before using or servicing the hopper.
- Inspect the hopper as directed in the **INSPECTIONS & MAINTENANCE** section on p. 7. DO NOT use it unless it is in **SATISFACTORY CONDITION**. See **RECORD OF SATISFACTORY CONDITION** on p. 7.
- DO NOT use the hopper if the carriage chain is damaged or missing. DO NOT lift the hopper until it is securely connected to the carriage of the fork truck with the carriage chain. ONLY use this hopper with a powered forklift truck. DO NOT mount the hopper on stackers or manually propelled lift trucks.
- DO NOT fill the hopper beyond its maximum rated load. See **SPECIFICATIONS** tables on page 2.
- NO ONE should travel under the hopper at any time while it is elevated.
- NEVER wrap the release cable around your hand, fingers, or any other part of your body!
- DO NOT allow people to ride on or in the hopper.
- DO NOT use the hopper if any label is missing or not easily readable. Apply replacement labels before returning the hopper to service. See **LABELING DIAGRAM** on p. 8.
- ALWAYS apply safe lift truck operation techniques learned during your lift truck training.
- Before raising the hopper from the floor, tilt the (forklift) mast toward the cab of the truck to ensure that the hopper will not slide off of the forks.
- DO NOT modify the hopper without first obtaining written approval from Vestil! Unapproved modifications might make the hopper unsafe & automatically void the **LIMITED WARRANTY** on p. 9.
- DO NOT dump the hopper UNLESS every person in the vicinity is a safe distance away from the dumping site.
- DO NOT dump the hopper unless the forklift is on an even, level surface.
- DO NOT exceed the load ratings or fill the hopper above the side walls. Injury to personnel or permanent damage to the equipment could result from overloading.

**NOTE:** Because this product is self-dumping, it helps to prevent non-compliance with US Federal OSHA rule 1910.178(m)(5). In particular, subpart 1910.178(m)(5)(iii), requires operators of powered trucks to fully lower the "load engaging means" (forks), neutralize truck controls, and set brakes whenever they dismount a lift truck and remain within 25ft of it. This product allows lift truck operators to remain at the controls of their trucks throughout the dumping process.

## 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 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 ([www.itsdf.org](http://www.itsdf.org)) where it is freely downloadable at <http://www.itsdf.org/cue/b56-standards.html>.

**Before putting this device into service**, acquire a copy of the Standard. Apply all relevant parts of Part II: For the User. If instructions provided in this manual apparently conflict with the Standard, then apply the instructions in the Standard. Vestil requests that you immediately bring to its attention any conflicts you discover by contacting its [TECHNICAL SERVICE](#) department. Contact information is provided on the cover page of this manual.

## USING THE HOPPER

Because this product is self-dumping, it helps to prevent non-compliance with US Federal OSHA rule 1910.178(m)(5). In particular, subpart 1910.178(m)(5)(iii), requires operators of powered trucks to fully lower the "load engaging means" (forks), neutralize truck controls, and set brakes whenever they dismount a lift truck and remain within 25ft of it. By allowing lift truck operators to remain at the controls of their trucks throughout the dumping process, there is no need to dismount the lift truck while dumping the hopper.

Confirm that the hopper door is latched to the base frame (i.e. NOT released and cannot rotate) before filling the chute with refuse. Standard self-dumping hoppers are suitable for use indoors and outdoors and in most industrial and commercial settings. They are intended to be used with rider forklift trucks as a means for dumping non-hazardous refuse into larger trash receptacles. C-HOP-series hoppers can be dumped in 2 ways: 1) Remotely—By pulling the release cable; and 2) Manually—By pulling the release lever.

**Step 1:** Drive the lift truck forward and insert the forks into the fork tubes. Drive forward until either: 1) the tips of the forks contact the ends of the tubes; or 2) if the forks are not long enough to extend all the way through the tubes, drive forward as far as possible.

**Step 2:** Wrap the chain around part of the fork carriage. Connect the quick link at the end of the chain to a link in the chain with as little slack in the chain as possible.

**WARNING** DO NOT wrap the release cable around any part of your body, especially your hands. DO NOT attach the handle to your clothing. If you do and the chute is released, you might be **seriously** injured.

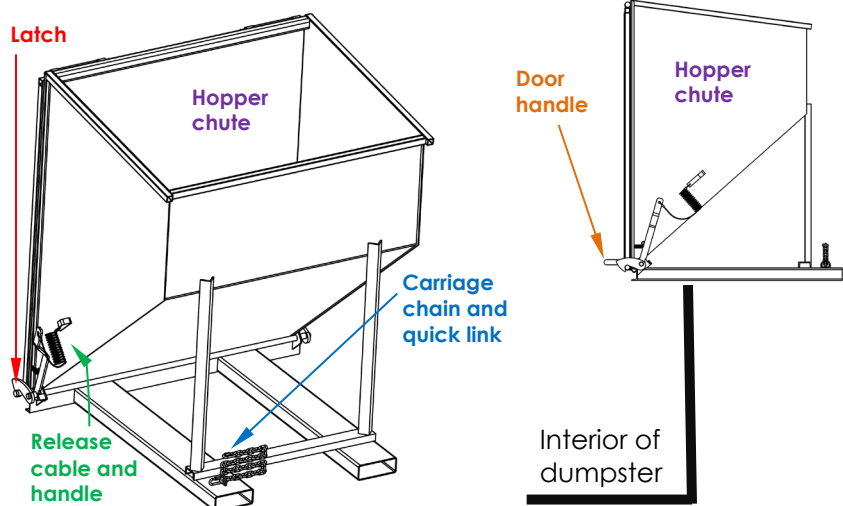
**Step 3:** If you will release the chute remotely by pulling the release cable, store the handle at the end of the cable within reach of the forklift operator. For example, hook the handle to the frame of the cab. Make sure that there is plenty of slack in the cable to avoid accidentally releasing the door & dumping the contents of the chute.

**Step 4:** Drive the forklift to the trash receptacle. Before raising the hopper, unlock the latch lever by pulling the finger tab until the lock disengages the latch bar. See diagrams with Step 5.

**Step 5:** Raise the forks and tilt the forklift mast backwards (towards the cab). Tilting the mast backwards makes it easier to release the latch. The hopper can now be emptied manually or remotely:

A) Manually: Elevate the entire hopper above the side wall of the dumpster. See diagram A. Tilt the mast forward slightly to level the forks. A coworker should then pull the release lever.

B) Remotely: Elevate the hopper above the side wall of the dumpster. See diagram B. Tilt the mast forward slightly to level the forks. Grasp the handle of the release cable. Pull the cable to release the door. **NEVER** wrap the release cable around any part of your body, particularly fingers, hands, or arms.



**Step 6:** Return the door to the latched position. For instance, press the door handle against the side of the dumpster to relatch the door. Tilt the forklift mast toward the cab and back away from the dumpster. Confirm that the door is solidly latched to the base. If the door will not latch by pressing the handle against the side of the dumpster, set the hopper on the ground and manually latch the door to the frame.

## RECORD OF SATISFACTORY CONDITION

After receiving the unit and before using it for the first time, create a record that describes the appearance and operation of the hopper. Thoroughly photograph the unit from multiple angles. Take close range photographs of the labels, release mechanisms (latch, cable, handle, etc.), safety chain, quick link, and the welded link that attaches the chain to the frame, pivot points, and pivot point hardware. Mount the hopper on the forks of your forklift and apply the safety chain. Elevate the hopper and use the release cable to open the door. Record your observations about how much force is necessary to release the door. Latch the door to the frame. Release the door by pulling the release lever. Describe the force necessary to release the door. Latch the door again. This written record documents the hopper in satisfactory condition. Compare the results of all inspections to this record to determine whether a component is in satisfactory condition or requires repair or replacement. If issues are discovered during an inspection, DO NOT use the hopper until it is restored to satisfactory condition. Purely cosmetic changes, like damaged paint/powdercoat, are not changes from satisfactory condition. However, touchup paint should be applied wherever the finish is damaged as soon as damage occurs.

## INSPECTIONS & MAINTENANCE

Inspections and repairs should only be performed by qualified persons. Compare the results of each inspection to the [RECORD OF SATISFACTORY CONDITION](#) (the "RECORD"). Do not use the hopper unless all parts are in satisfactory condition. Replace parts that are not in satisfactory condition before using the hopper again. **DON'T GUESS! If you have any questions about the condition of your hopper, speak with [TECHNICAL SERVICE](#) personnel.** The phone number is provided on the cover page of this manual. **Never make temporary repairs of damaged or missing parts.** Only use manufacturer-approved replacement parts.

**Step 1:** At least once per month, tag the hopper "Out of Service."

**Step 2:** Inspect the hopper. Replace any component that is not in [satisfactory condition](#).

- 1) Pivot points: Check for excessive wear, warping, or other significant damage to pivot pins, hinges, hinge pins.
- 2) Hopper chute and base frame: Examine the structures for damage, deformation, and corroded or severely rusted areas. Remove rust and apply touch-up paint to exposed metal.
- 3) Hardware (bolts, nuts, pins, cotter pins, retaining rings): Inspect hardware for looseness and severe wear. Tighten loose connections and replace all damaged hardware.
- 4) Casters (if hopper is equipped with caster kit): Check for looseness, excessive wear, and damage to the caster wheels, caster bearings, mounting brackets, and mounting hardware.
- 5) Release mechanism: The extension spring should cause the latch lever to automatically recoil to the latched position. Confirm that the door properly latches in the closed position. Check the release cable for frays, thinning, corrosion, and bird-caging.
- 6) Pivot points: Listen for unusual sounds. Watch for irregular movements. Remove dirt and debris from areas that could affect the dumping motion.
- 7) Carriage chain: Examine the chain, the attachment to the base frame, and the quick links for damage.
- 8) Labels: All labels should be present in the locations shown in the [LABELING DIAGRAM](#) on p. 8.

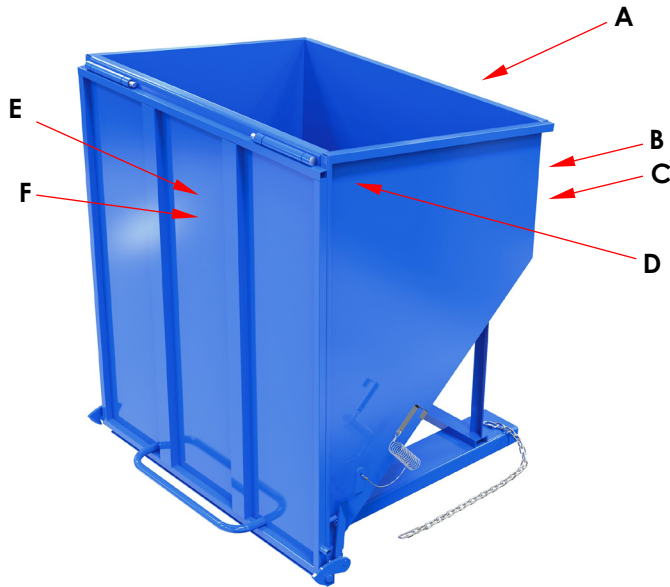
**Step 3:** Make all adjustments, replacements, and repairs necessary to restore the hopper to [satisfactory condition](#).

**⚠WARNING** DO NOT modify the hopper in any way without first obtaining written approval from Vestil. Modifications automatically void the [LIMITED WARRANTY](#) and might make the hopper unsafe to use. Modifications are changes that alter the hopper, like or removing or bending a component.

**Step 4:** Make a dated record of all repairs and replacements.

# LABELING DIAGRAM

The unit should be labeled as shown in the diagram. Label content and location are subject to change so your product might not be labeled exactly as shown. Compare this diagram to your [RECORD OF SATISFACTORY CONDITION](#). Replace all labels that are damaged, missing, or not easily readable (e.g. faded). Order replacement labels by contacting the [TECHNICAL SERVICE & REPLACEMENT PARTS DEPARTMENT](#) online at [http://www.vestilmfg.com/parts\\_info.htm](http://www.vestilmfg.com/parts_info.htm). Alternatively, you may request replacement parts and/or service by calling (260) 665-7586 and asking the operator to connect you to the Parts Department.



**A:** Label 620 (left side in-line with manual release handle)

⚠ WARNING	
	<p><b>DO NOT</b> wrap release cable around hand.</p> <p>Severe injury or amputation might occur if cable wrapped around body part when chute dumped.</p>
<p><b>STAY CLEAR</b> of hopper when dumping.</p> <p><b>DO NOT</b> hook manual release handle on hopper when using bumper release.</p> <p>Each person who uses this hopper should have access to the user manual. Copies of the manual can be downloaded from <a href="http://www.vestil.com">www.vestil.com</a>.</p>	
⚠ ADVERTENCIA	
<p><b>NO AGARRAR</b> el cable con la mano.</p> <p>Puede causar un daño severo o amputación si el cable se envuelve alrededor del cuerpo al estar descargando la tolva.</p> <p><b>MANTENTE ALEJADO</b> de la tolva al descargar.</p> <p>Nunca agarrar el gancho de la tolva.</p> <p>Cada persona que use la tolva debe de usar el manual, las copias se pueden descargar de la dirección <a href="http://www.vestil.com">www.vestil.com</a>.</p>	

**B:** Label 549 Applied to rear panel of chute

⚠ WARNING	⚠ ADVERTENCIA
<p><b>Model / Modelo / Modèle</b></p> <p>_____</p> <p><b>Capacity / Capacidad / Capacité</b></p> <p>_____ lbs.</p> <p>_____ kgs.</p> <p><b>Serial No. / Serie No. / Serie No.</b></p> <p>_____</p>	<ul style="list-style-type: none"> <li>• SECURELY ATTACH safety restraint to forklift</li> <li>• Tilt load backwards to prevent hopper from sliding</li> <li>• Distribute load evenly</li> <li>• DO NOT exceed rated capacity</li> <li>• Hopper MUST be locked when not dumping</li> <li>• Disengage lock on hopper release before dumping hopper</li> <li>• DO NOT wrap release cable around any body part</li> </ul>
	<ul style="list-style-type: none"> <li>• ASEGURE la cadena de seguridad a la transealeta</li> <li>• Vuelque la carga hacia atrás para prevenir que el carrito resbale</li> <li>• Distribuya la carga uniformemente</li> <li>• NO exceda la capacidad de carga tasada</li> <li>• El depósito de alimentación debe ser cerrado al no descargar</li> <li>• Suelte cerradura en la liberación de depósito de alimentación antes de descargar depósito de alimentación</li> <li>• No envuelva cable de liberación alrededor de cualquier parte del cuerpo</li> </ul>

**C:** Label 995

⚠ WARNING	⚠ ADVERTENCIA
<b>DO NOT</b> use this product to lift or transport people.	<b>NO</b> use este producto para transportar o elevar personas.

**D:** Label 208 (both fork tubes)

⚠ WARNING	⚠ ADVERTENCIA	⚠ AVERTISSEMENT
KEEP CLEAR OF PINCH POINT	MANTENGASE ALEJADO DEL PUNTO DE CORTE	SE TENIR À DISTANCE DU POINT DE PINCEMENT

**E:** 375 Applied to both side panels

⚠ WARNING	⚠ ADVERTENCIA	⚠ AVERTISSEMENT
<b>DO NOT PLAY ON OR AROUND</b>	<b>NO JUEGE ALREDEDOR</b>	<b>NE PAS JOUER SUR OU AUTOUR DE L'UNITÉ</b>

**F:** Label 220 (both sides)

⚠ WARNING	⚠ ADVERTENCIA	⚠ AVERTISSEMENT
KEEP CLEAR WHEN IN USE	MANTENGASE ALEJADO CUANDO SE ESTA OPERANDO	SE TENIR À DISTANCE LORS DU FONCTIONNEMENT

## 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 2999 North Wayne Street, PO Box 507 Angola, IN 46703	(260) 665-1339 <u>Phone</u> (260) 665-7586	<a href="mailto:info@vestil.com">info@vestil.com</a> Enter "Warranty service request" in the 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 90 days. 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.