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DRUM-GRAB Instruction Manual



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, immediately record a complete description of the damage 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 complies with all laws, regulations, codes, and mandatory standards applied where the product is used.

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Signal Words:

This manual uses SIGNAL WORDS to draw the reader's attention to safety-related information. Signal words 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. Signal words used in this manual appear below along with the meaning of each word:



Identifies a hazardous situation which, if not avoided, **WILL** result in **DEATH** or **SERIOUS INJURY**. Use of this signal word is limited to the most extreme situations.



Identifies a hazardous situation which, if not avoided, **COULD** result in **DEATH** or **SERIOUS INJURY**.



Indicates a hazardous situation which, if not avoided, **COULD** result in **MINOR** or **MODERATE** injury.



Identifies practices likely to result in product/property damage, such as operation that might damage the product.

Hazards of Improper Use:

Vestil diligently strives to identify all foreseeable hazards associated with the use of its products. However, material handling is dangerous and no manual can address every conceivable risk.



If this product is used improperly or carelessly, the operator and/or bystanders might sustain serious personal injuries or even be killed. To reduce the likelihood of injury:

- ***Failure to read and understand the entire manual before assembling, installing, using or servicing the product is a misuse of the product.*** Read the manual to refresh your understanding of proper use and maintenance procedures as needed.
- DO NOT exceed the maximum rated load (see Label 287 on product).
- The lifting equipment (crane, hoist, trolley) must have AT LEAST the same maximum rated load (capacity) as the Drum-Grab. The maximum rated load of the Drum-Grab is 2,200 pounds (1,000kg). DO NOT attempt to lift any load whose weight exceeds the maximum rated load of the lifting component (crane, trolley, hoist, Drum-Grab) with the smallest maximum rated load. For example, if the crane, hoist and Drum-Grab all have maximum rated loads of 2,200 pounds, but the trolley has a max. rated load of 1,500 pounds, the net weight applied to the trolley must not exceed 1,500 pounds.
- DO NOT use the Drum-Grab if any part of it is loose or damaged. ALWAYS inspect the Drum-Grab before each use according to the inspection procedures described in the most recent revision of ASME standard B30.20. B30.20 also recommends "frequent" and "periodic" inspections. In particular, look for signs of wear, damage, or distortion. Check all fasteners and confirm that they are not loose or damaged.
- Review the safety messages included in the manual(s) for your crane, trolley, hoist, and any other device used in conjunction with the tongs.
- DO NOT open the Drum-Grab while using it to lift and/or move a drum. Be certain that the drum is fully supported by the ground or other surface, and is fully immobilized, i.e. can't fall over, roll, slide, or move in an uncontrolled manner, before disconnecting the Drum-Grab from the drum.
- ALWAYS attach the Drum-Grab to a safety hook (e.g. a hoist that has a safety hook attached to the end of the chain or cable), or to a connection that includes safety mechanisms to prevent accidental or unintended detachment from the hoist. DO NOT attach the device to a hoist hook that might accidentally or unintentionally release. DO NOT connect the grab to a safety hook that does not function properly.
- Before attaching the Drum-Grab to a drum, inspect the drum and verify that it and the rim/lip are structurally sound. The rim must be able to support the weight of the drum and its contents.
- To use the DRUM-GRAB properly, all 3 arms of the Drum-Grab must firmly engage the rim/lip of the drum.
- Always test the soundness of the connection between the Drum-Grab and the drum rim by lifting the drum a few inches off of the ground. Keep the drum elevated for 30 seconds. Only use the Drum-Grab to move the drum if the connection is adequate and the drum does not distort under the load.
- DO NOT stand or walk, or allow any other person to stand or walk beneath an elevated drum. Always maintain sufficient separation between yourself and all other persons involved with the lift and the drum-grab (and drum) to avoid contacting the drum. DO NOT raise the load over your feet or any other part of your body.
- Every person not involved with lifting the drum should remain outside the lifting area for the duration of the process.
- Avoid and minimize load swing. Position the trolley, hoist and Drum-Grab directly above the center of the top of the drum before attaching the Drum-Grab to the drum; slowly raise the drum.

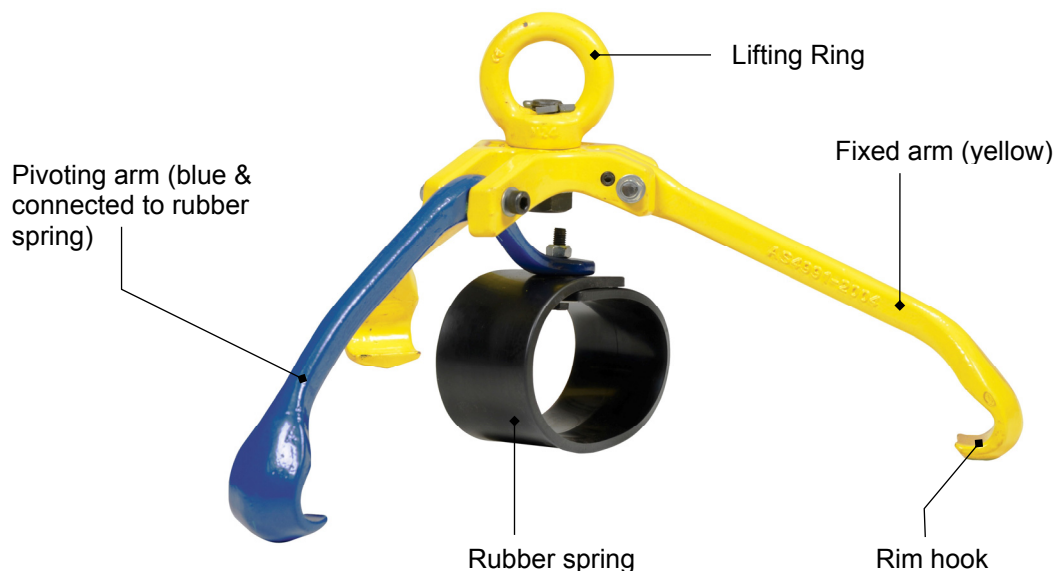
- DO NOT elevate the drum more than a few inches from the ground. Only lift a drum as high as necessary to avoid contact with objects in the travel path.
- DO NOT remove or obscure any label. Verify the placement and legibility of all labels as shown in the Label Placement Diagram on p. 5. DO NOT use this device UNLESS all product labels (see “Label Placement Diagram”) are readable, undamaged, and fastened securely to the DRUM-GRAB.
- DO NOT sit on or apply any weight/pressure to a suspended drum.
- DO NOT use the Drum-Grab to lift material over people or to lift any apparatus that supports people, such as a work platform.
- DO NOT leave a suspended drum unattended. Always move the drum to its desired location, set it down and properly immobilize it, and then disengage the Drum-Grab from the drum.
- DO NOT modify—including disassembling and reassembling—the Drum-Grab in any way UNLESS you first obtain written approval from Vestil. Unauthorized modifications automatically void the limited warranty (see p. 6) and might make the Drum-Grab unsafe to use.

NOTICE

Proper use, maintenance, and storage are essential for this product to function properly.

- Always use this product in accordance with the instructions in this manual and consistent with any training relevant to below-the-hook devices, as well as for other devices (e.g. cranes, hoists, trolleys) used in conjunction with this product.
- Keep the product clean & dry.
- Periodically lubricate moving parts.

Features



Use Instructions:

Step 1: Grasp the Lifting Ring with one hand and lift the pivoting arm (blue) upwards with the other hand. You will only need to raise the pivoting arm slightly. Position the Drum-Grab above the drum. Reach across the top of the drum and engage the drum rim with the rim hooks of the 2 fixed (non-pivoting) arms.

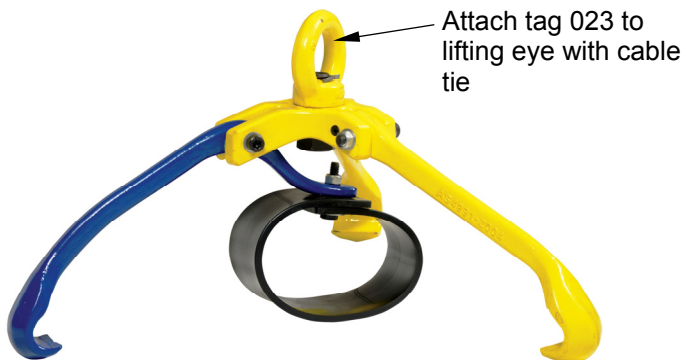


Step 2: [NOTE: Make sure that the rubber spring is in line with the pivoting arm.] Maintain constant contact between the rim hooks and the rim of the drum while pulling the lifting ring towards you to compress the rubber spring. Compress the spring until the rim hook of the pivoting arm engages the rim.



To release the Drum-Grab from the drum, pull the lifting ring towards the rim hook of the pivoting arm to compress the rubber spring. When the spring is sufficiently compressed, separate the rim hook from the rim; then lift the pivoting arm and slowly allow the spring to recoil. The fixed arms can now disengage the rim.

Labeling Diagram:



Tag 023

Model No. _____	Serial No. _____
No. Modelo _____	No. Serie _____
Capacity _____ lbs.	Lifter Weight _____ lbs.
Capacidad _____ kgs.	Peso del Elevador _____ kgs.
BHT-1 Design Category: B BHT-1 Categoría de Diseño B	BHT-1 Service Category: 1 BHT-1 Categoría de Servicio: 1
Read Owners Manual for product safety warnings Lea Manual de Proprietarios para advertencias de seguridad de producto	
023 rev 0511	

Label 675 (applied to reverse side of 023)

⚠ WARNING	⚠ ADVERTENCIA
<ul style="list-style-type: none"> • DO NOT exceed rated capacity • DO NOT use if damaged, malfunctioning, or missing parts • DO NOT lift people OR lift loads over people • DO NOT raise load higher than necessary • DO NOT leave a suspended load unattended • DO NOT use lifter unless you read and understand the owner's manual • DO NOT alter OR modify lifter • DO NOT remove OR obscure any label • STAY CLEAR of suspended loads • Secure load before using this device 	<ul style="list-style-type: none"> • NO exceda la capacidad tasada • NO USE si las partes estan dañadas, no funcionan correctamente o faltan partes. • NO eleve al personal o eleve cargas sobre el personal • NO eleve la carga mas alto de lo necesario • NO deje desatendida una carga que este suspendida • NO use el elevador a no ser que haya leído y entendido las instrucciones del manual del propietario • NO altere o modifique el elevador • NO quite u oscurezca ninguna etiqueta • MANTENGASE alejado de las cargas suspendidas • Asegure la carga antes de usar este dispositivo
675	rev 1213

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 if the part is 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.

What is an “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 any of the following methods:

Mail
Vestil Manufacturing Corporation
2999 North Wayne Street, PO Box 507
Angola, IN 46703

Fax
(260) 665-1339
Phone
(260) 665-7586

Email
sales@vestil.com

In the written request, list the parts believed to be defective and include the address where replacements should be delivered.

What is covered under the warranty?

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 may require you to send the entire product, or just the defective part or parts, to its facility in Angola, IN. The warranty covers defects in the following *original* dynamic components: motors, hydraulic pumps, electronic controllers, switches and cylinders. It also covers defects in *original* parts that wear under normal usage conditions (“wearing parts”): bearings, hoses, wheels, seals, brushes, batteries, and the battery charger.

How long is the warranty period?

The warranty period for original components is 90 days. The warranty period begins on the date when Vestil ships the product to the warrantee. If the product was purchased from an authorized distributor, the period begins when the distributor ships the product. Vestil may extend the 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?

1. Labor;
2. Freight;
3. Occurrence of any of the following, which automatically voids the warranty:
 - Product misuse;
 - Negligent operation or repair;
 - Corrosion or use in corrosive environments;
 - Inadequate or improper maintenance;
 - Damage sustained during shipping;
 - Collisions or other incidental contacts causing damage to the product;
 - Unauthorized modifications: DO NOT modify the product IN ANY WAY without first receiving written authorization from Vestil. Modification(s) might make the product unsafe to use or might cause excessive and/or abnormal wear.

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.

