



VESTIL MANUFACTURING COMPANY

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DRMR-3055-FP Fork-Mountable Drum Rack



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>.

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SPECIFICATIONS

Documents that provide specifications for DRMR series drum racks are available on Vestil's website (www.vestil.com). Specifications include dimensions, net weight, and capacity information. To access the appropriate specifications document, type the model name into the SEARCH box in the upper, right corner of the homepage. Click on the DRMR search result. On the DRMR webpage, click the *Product Specifications Table* 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 for your drum rack. Print a copy of the document and keep it with your copy 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.

| | |
|--|--|
|  DANGER | 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. |
|  WARNING | Identifies a hazardous situation which, if not avoided, COULD result in DEATH or SERIOUS INJURY . |
|  CAUTION | Indicates a hazardous situation which, if not avoided, COULD result in MINOR or MODERATE injury. |
| NOTICE | Identifies practices likely to result in product/property damage, such as operation that might damage the product. |

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.

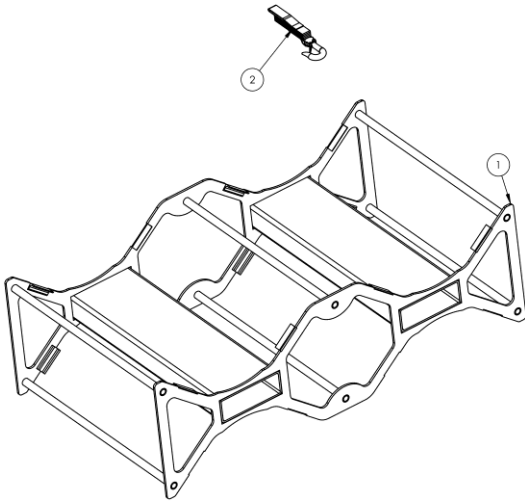
- DO NOT use, inspect, or service this product until you read and understand the entire instruction manual. Read the manual whenever necessary to refresh your understanding of its contents. Also apply all relevant provisions of the most recent revision of [ANSI/ITSDF B56.1 "Safety Standard for Low Lift and High Lift Trucks"](#) and all laws, regulations, codes, etc. that apply to lift truck attachments where the device is used. If any instruction in this manual conflicts with the Standard, then you should apply the provision in the Standard.
- Inspect and maintain the rack as instructed in [INSPECTING AND MAINTAINING THE RACK](#) on p. 5. Acquire a copy of the most recent revision of [ANSI/ITSDF B56.1](#). Apply inspection procedures relevant to lift truck attachments.
- ALWAYS attach the safety strap to the carriage of your lift truck *without slack*. The drum rack must not be able to slide on the forks.
- DO NOT service the device unless you are qualified to do so. Contact the [TECHNICAL SERVICE & REPLACEMENT PARTS](#) department (contact information on cover page) if you are uncertain whether the drum rack should be used.
- DO NOT use this rack to pull/drag loads. ONLY use the rack to lift, transport, and support intact drums.
- DO NOT lift people with the drum rack.
- DO NOT sit, ride, or climb on the drum rack.
- DO NOT attempt to lift or transport a drum that is unstable on the rack. The use of ratchet straps to secure drums to the rack is strongly recommended whenever the rack is mounted on a lift truck.
- DO NOT use this drum rack to lift (or move) a drum that is damaged or structurally unsound.
- DO NOT attempt to lift a load that weighs more than the capacity of the rack or the lift truck, *whichever is smaller*. The capacity of your drum rack appears on label 1153. The label is attached to the product as shown in the [LABELING DIAGRAM](#) on p. 6.
- DO NOT elevate the rack more than necessary.
- Avoid contact with objects in or along the path of travel.
- DO NOT leave the rack unattended while it is elevated. Land the rack before leaving it.

[SAFETY INSTRUCTIONS](#) continue on the [next page](#)

⚠ WARNING

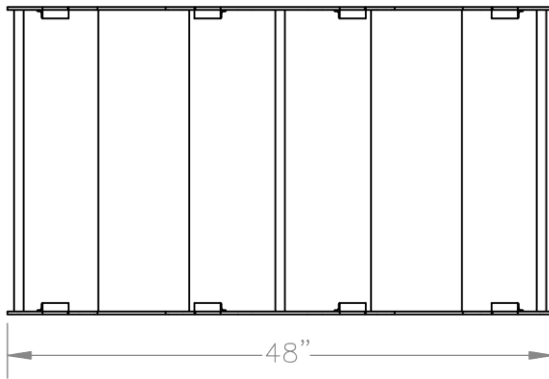
- Transport the rack slowly, particularly when it is loaded. Start and stop gradually. Avoid rough terrain.
 - DO NOT raise a drum over people.
 - DO NOT stand, or reach, beneath the drum rack while it is elevated.
 - DO NOT modify this product in any way without first obtaining written approval from Vestil.
- Unapproved modifications automatically void the [LIMITED WARRANTY](#) on p. 7 and might make the rack unsafe to use.**
- DO NOT use the drum rack unless all labels are intact, visible, easily readable, and undamaged. See [LABELING DIAGRAM](#), p. 7. Order replacement labels from the [TECHNICAL SERVICE](#) department.

EXPLODED VIEW AND BILL OF MATERIALS (09-006-234)



| Item | Part no. | Description | Qty. |
|------|------------|-------------------------------|------|
| 1 | 09-514-195 | WELDMENT, FRAME, BASE | 1 |
| 2 | 99-110-003 | BEARING, PILLOW BLOCK, UCP208 | 2 |

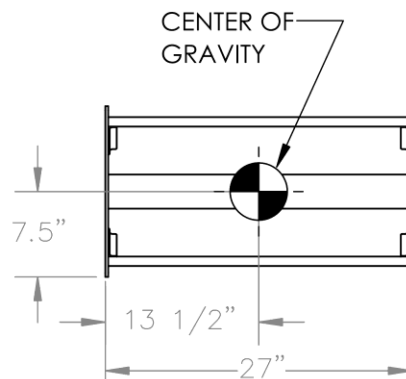
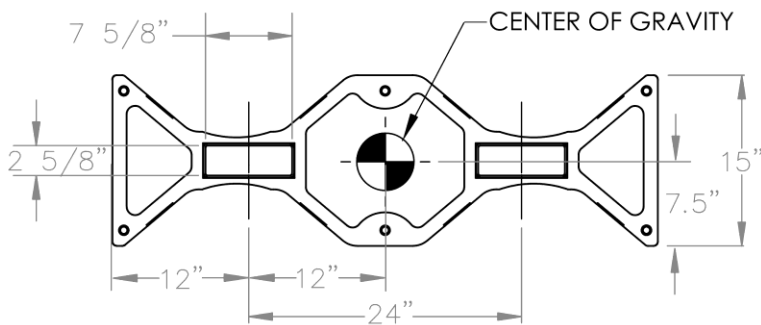
CENTER OF GRAVITY DIAGRAMS (09-007-234)



Approximate weight (lost load) = 99 lb. (45kg)
 Never exceed load center rating per fork truck manufacturer's guidelines. Do not use this front end attachment if load will exceed load center rating.

Horizontal center of gravity (HCG): 24 inches (61 cm) from the ends of the rack and 13 1/2 inches (34.3cm) from the front and back edges of the rack.

Vertical center of gravity: 7 1/2 inches (~19.05 cm) from the bottom of the rack.



NATIONAL STANDARDS

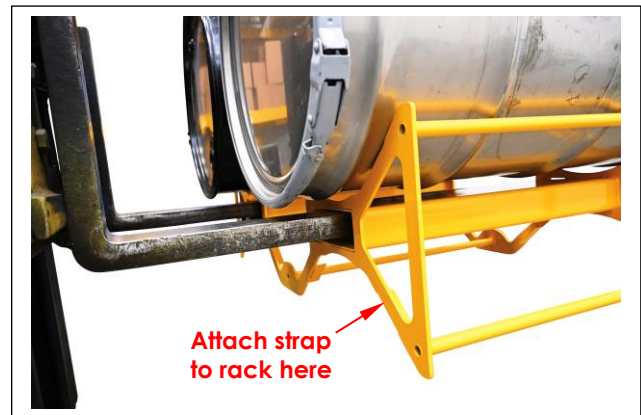
According to US Federal Occupational Safety and Health Administration (OSHA) Rule 1910.178 (29 CFR 1910.178; the “Rule”), this device is a removable (front end) attachment for a lift truck whenever it is mounted on the forks of a lift truck. The Rule incorporates American National Standard ANSI/ITSDF B56.1 (the “Standard”) published by the Industrial Truck Standards Development Foundation (ITSDF) on its website (www.itsdf.org). The standard 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 in this manual conflict with instructions in the Standard then the instructions in the Standard should be applied. Please contact our [TECHNICAL SERVICE & REPLACEMENT PARTS](#) department if you believe that these instructions conflict with the Standard. Contact information for the [TECHNICAL SERVICE](#) department appears on the cover page of this manual.

USING THE DRUM RACK

Step 1: Adjust the positions of the forks on the carriage of your lift truck to align with the fork pockets of the drum rack.

Step 2: Mount the drum rack on the forks of your lift truck by slowly driving as far forward as possible.

Step 3: Attach the safety strap to the drum rack. At one end of the strap is a loop; at the other end is a hook. Wrap the loop around the frame of the rack and then insert the hook through the loop. Wrap the free end (with hook) of the strap around part of the fork carriage (of the lift truck). Fasten the hook to the strap **without slack**. Wrap the strap around the carriage enough times to remove slack from the strap.



⚠ WARNING

Improper use of this fork attachment could result in death or serious injury.

- The strap is an essential safety-enhancing feature. **DO NOT** transport the rack without using the strap. Wrap it around part of the carriage and attach the hook to the strap **with no slack left in the strap**. *The strap might not prevent the drum rack from sliding on or off of the forks unless there is no slack in the strap.*
- Inspect the strap before mounting the rack on your lift truck. **DO NOT** lift or transport the rack if the strap is significantly (i.e. 50% or more of the strap width or thickness) worn, cut, frayed, or otherwise damaged, or if the hook or its latch are damaged. The hook latch must operate properly to prevent the hook from being able to unhook from the strap.
- Using this device affects lift truck center of gravity. Before using the lifter, US Federal regulation 29 CFR 1910.178 requires you to contact the manufacturer of your lift truck and request: 1) Written approval; 2) Markings for the lift truck identifying the drum rack and provide the approximate weight of truck and attachment at maximum elevation with load laterally-centered. **DO NOT** use this device **UNTIL** your lift truck is marked with corrected capacity tags.

Step 4: To prevent drums supported by the rack from bouncing, rolling, etc. during transport, Vestil strongly recommends that ratchet straps be applied to lash the drum(s) to the rack.

Step 5: Slowly raise the forks until the rack is elevated just a few inches above the floor. Make sure that the lift truck mast is slightly tilted back (towards the cab of the lift truck). Transport the rack to the unloading site. Drive slowly and carefully. Avoid bumps. Reduce speed while turning. Apply brakes gradually. Suddenly applying the brakes, encountering bumps, and turning quickly could cause the rack to slide forward on the forks and/or unsecured drums on the rack to roll or slide off of the rack. If the safety strap is properly applied, it should prevent *the rack* from sliding forward. Drums that were not lashed to the rack with ratchet straps in Step 4 will not be restrained by the safety strap.

Step 6: Slowly lower the forks until the rack rests solidly on the floor. Place the rack on an even, level surface capable of easily supporting the full weight of the rack plus a full capacity load. Although the

rack can be set on gravel or asphalt, it might settle unevenly due to inconsistencies in soil compaction beneath the gravel or due to the softness of the asphalt. Uneven settling could cause the rack to tip or lean and become unstable, especially if another rack is stacked on top of it. Vestil recommends that racks only be set on even, level concrete surfaces.

NOTE: No more than **3 racks** or a **maximum of 2,400 pounds** (1,090kg) in total should be stacked. The total weight of the stack determines how many racks can be stacked. For example, if putting a third rack on top of a stack (of 2 racks plus drums), will end up applying more than 2,400 total pounds to the stack, then the third rack should be placed on the floor as the bottom level of a new stack. It is ok to apply a third rack *if* a third rack and drums results in a total stack weight of 2,400pounds or less.

Step 7: Back away from the rack until the forks are completely withdrawn from the fork pockets.

RECORD OF SATISFACTORY CONDITION (THE “RECORD”)

Before putting the drum rack into service, record its condition. Thoroughly photograph the unit from multiple angles. Take close-range photographs of the drum cradles, safety strap and hook, labels, and all welds. Apply two drums to the rack. Describe how the drum carrying mechanism engages the drum. Describe all sounds produced by the carrier while loaded. Collect all photographs and writings in a file. Mark the file appropriately to identify it. Compare the results of all inspections to this RECORD to determine whether the carrier is in satisfactory condition. Do not use the carrier unless it is in satisfactory condition. Purely cosmetic changes, like damaged paint or powdercoat are not changes from satisfactory condition. However, touchup paint should be applied to all affected areas as soon as the finish is damaged.

INSPECTING & MAINTAINING THE DRUM RACK

Inspections and repairs should only be performed by qualified persons. Compare the results of each inspection to your [RECORD OF SATISFACTORY CONDITION](#). Do not use the drum rack unless all parts are in satisfactory condition. Replace parts that are not in satisfactory condition and resolve all other issues before returning the unit to service. 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 drum rack, contact the [TECHNICAL SERVICE department](#).** The phone number is provided on the cover page of this manual.

1. Tag the unit, “Out of Service.”
2. Remove dirt/debris from all surfaces. Clean the surfaces with a mild soap and water solution.
3. Each day that the rack is used (mounted on a lift truck), before using it for the first time, inspect the following rack features. If the rack is infrequently used, these features must be inspected at least once per month. These inspections must also be performed whenever an accident involving the rack occurs such as a vehicle colliding with the rack. **The following procedures supplement the inspections and maintenance recommendations of the current revision of ANSI/ITSDF B56.1.** See [NATIONAL STANDARDS](#) on p. 4.
 - a. Safety strap and hook: Inspect the strap for cuts, burns, fraying, and other forms of damage. If 50% or more of the strap width or thickness is cut or worn away in any part of the strap, throw the strap away and replace it with a new strap (hook included). Do not lift or transport the rack until a new strap is installed. Examine the hook for bends, cracks, warps, and other forms of damage. Confirm that the safety latch of the hook opens and closes properly. Replace the entire strap if the hook and/or latch is damaged.
 - b. Labels: All labels must be easily readable. Each label should be located where indicated in the [LABELING DIAGRAM](#) on p. 6. If a label is unreadable or missing, contact the [TECHNICAL SERVICE AND PARTS DEPARTMENT](#) to order a replacement.
 - c. Fork pockets: Confirm that each pocket is structurally sound. In particular, examine the underside of the each pocket for rust and corrosion.
 - d. Frame and welds: All parts of the frame should be clean, square and rigid, and free of rust and corrosion. Clean the frame with a mild soap and water solution. Confirm that all welds are intact. Apply touchup paint wherever the finish is damaged. Exposed metal will rust.
4. Compare the results of your inspection to the [RECORD](#). Restore the rack to satisfactory condition by performing all necessary repairs and replacements. DO NOT use the rack until it is fully restored to satisfactory condition.
5. Make a dated record that clearly explains all of the repairs, adjustments, and/or replacements.

LABELING DIAGRAM

Label content and location are subject to change so your product might not be labeled exactly as shown. Compare this diagram to your drum rack and 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 [REPLACEMENT PARTS DEPARTMENT](#) online at <https://www.vestil.com/page-parts-request.php>. 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 1153 (on outside of fork pocket to be visible when rack loaded)

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

B: Label 1049 (on outside of fork pocket)

| ⚠ WARNING | |
|---|-------------------------|
| Improper use of this fork attachment might result in death or serious injury. | |
| <ul style="list-style-type: none"> Using this front end attachment affects lift truck center of gravity. Before using this fork attachment, US Federal regulation 29 CFR 1910.178 requires you to contact the manufacturer of your lift truck and request: <ol style="list-style-type: none"> Written approval [29 CFR 1910.178(a)(4)] <ul style="list-style-type: none"> Identify the attachment; Give approximate weight of truck and attachment at maximum elevation with laterally-centered load. [29 CFR 1910.178(a)(5)]. | |
| <ul style="list-style-type: none"> DO NOT use UNTIL lift truck is marked with corrected capacity tags. | |
| 1049 | <small>REV 1118</small> |

C: Label 218 (on outside of fork pocket)

| ⚠ WARNING | ⚠ ADVERTENCIAS |
|---|--|
| Improper use might result in death or serious personal injury. Attach device to fork carriage with safety chain/strap. | El uso impropio puede resultar en muerte o heridas personales. Atar aparato al mástil del montacargas con cadenas/correas. |
| <ul style="list-style-type: none"> Drive lift truck forward until forks contact ends of fork pockets Chain/straps must not be able to disconnect (slide free) from carriage. Safety chain/strap must be taut. Connect chain/strap to carriage via shortest line. | <ul style="list-style-type: none"> Maneje el montacargas para adelante hasta que las cuñas hagan contacto con la orilla del bolsillo de las cuñas. La cadenas y correas no deben de deslizarse (soltarse) del mástil del montacargas. La cadena/correa de seguridad debe de estar apretado. Asegure la cadena/correa al mástil via la ruta mas corta. |
| 218 | <small>REV 0910</small> |

D: Label 1210 (on outside of other fork pocket)

| ⚠ WARNING | |
|--|--|
| Using this front end attachment exposes occupants and bystanders to risk of serious personal injuries or death. 1210 | |
| <ul style="list-style-type: none"> DO NOT use this front end attachment with rough terrain lift trucks or telehandlers (boom lifts). ONLY use this attachment with high lift fork trucks utilizing a vertical mast and carriage. DO NOT operate truck with attachment on unimproved surfaces. ONLY operate the truck with the attachment on concrete or asphalt surfaces capable of supporting the truck and a full capacity load. | |

E: Label 220 (on outside of other fork pocket)

| ⚠ WARNING | ⚠ ADVERTENCIA | ⚠ AVERTISSEMENT |
|---------------------------|---|---|
| KEEP CLEAR WHEN IN USE | MANTENGASE ALEJADO CUANDO SE ESTA OPERANDO | SE TENIR À DISTANCE LORS DU FONCTIONNEMENT <small>REV 0111</small> |

LIMITED WARRANTY

Vestil Manufacturing Company ("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 Company 2999 North Wayne Street, PO Box 507 Angola, IN 46703 | (260) 665-1339 <u>Phone</u> (260) 665-7586 | info@vestil.com Enter "Warranty service request" 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 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 Co. 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 code or standard is not a defect in material or workmanship.

