



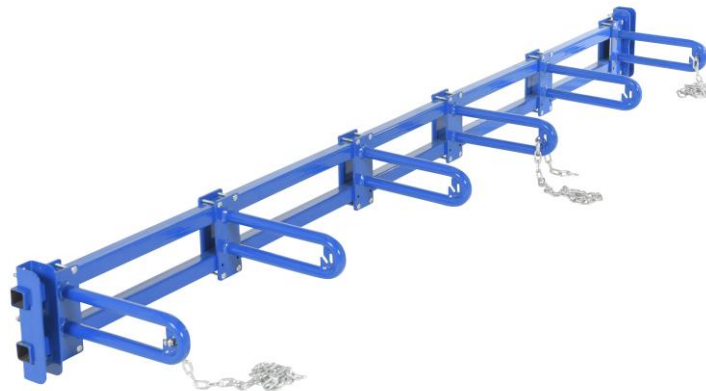
MaterialHandling.com

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PRSR VERTICAL BAR STORAGE



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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SIGNAL WORDS

SIGNAL WORDS appear in this manual to draw the reader's attention to important safety-related messages. The following are signal words used in this manual and their definitions.



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.

SAFETY INSTRUCTIONS

Vestil strives to identify foreseeable hazards associated with the use of its products. However, no manual can address every conceivable risk that could arise from using this product. Always apply good judgment while using this storage rack.



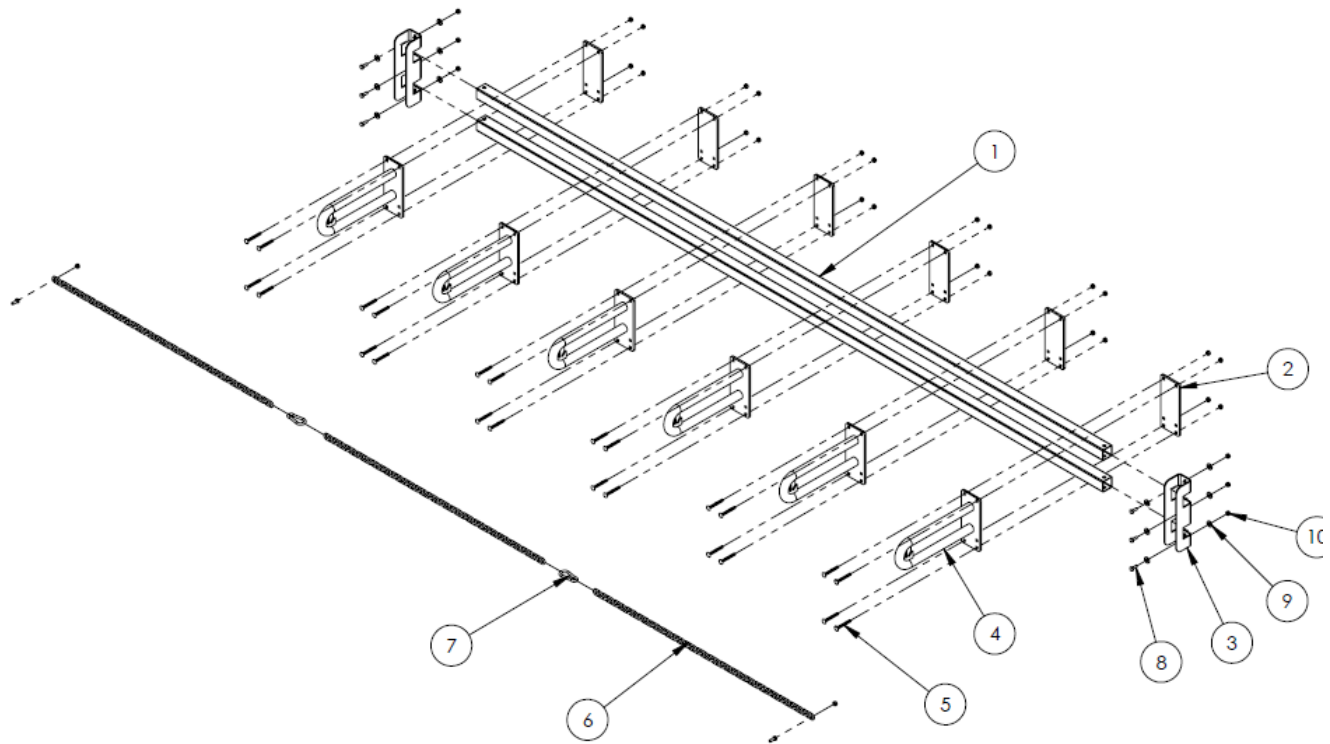
- Improper or careless use of this product could result in death or serious personal injuries.
- *Read and understand the entire manual before assembling, installing, using or servicing the product.* Read the manual to refresh your understanding of proper use and maintenance procedures.
 - DO NOT rest materials stored in the rack against the chains. Materials stored in the rack must rest against the square tubes.
 - DO NOT store materials in any bay of the rack without a chain properly installed to cover that bay.
 - DO NOT use the storage rack unless it can be solidly attached to your pallet rack.
 - Inspect the storage rack as instructed in the [INSPECTING AND MAINTAINING THE STORAGE RACK](#) section. DO NOT continue to use the rack unless it is in [SATISFACTORY CONDITION](#).
 - DO NOT attempt to resolve any problem(s) with the product unless you are both authorized to do so and certain that it will be safe to use afterwards.
 - DO NOT modify the product in any way UNLESS you first obtain written approval from Vestil. Unapproved modifications automatically void the [LIMITED WARRANTY](#) and might make the product unsafe to use.
 - Inspect the product according to the instructions in [INSPECTING & MAINTAINING THE STORAGE RACK](#). DO NOT use the product unless it is in [SATISFACTORY CONDITION](#).
 - DO NOT use this device UNLESS all product labels are readable and undamaged. See [LABELING DIAGRAM](#).



- 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 consistently with any training relevant to machines, devices, etc. used in conjunction with this product.
 - Keep the product clean & dry.

EXPLODED VIEW AND BILL OF MATERIALS

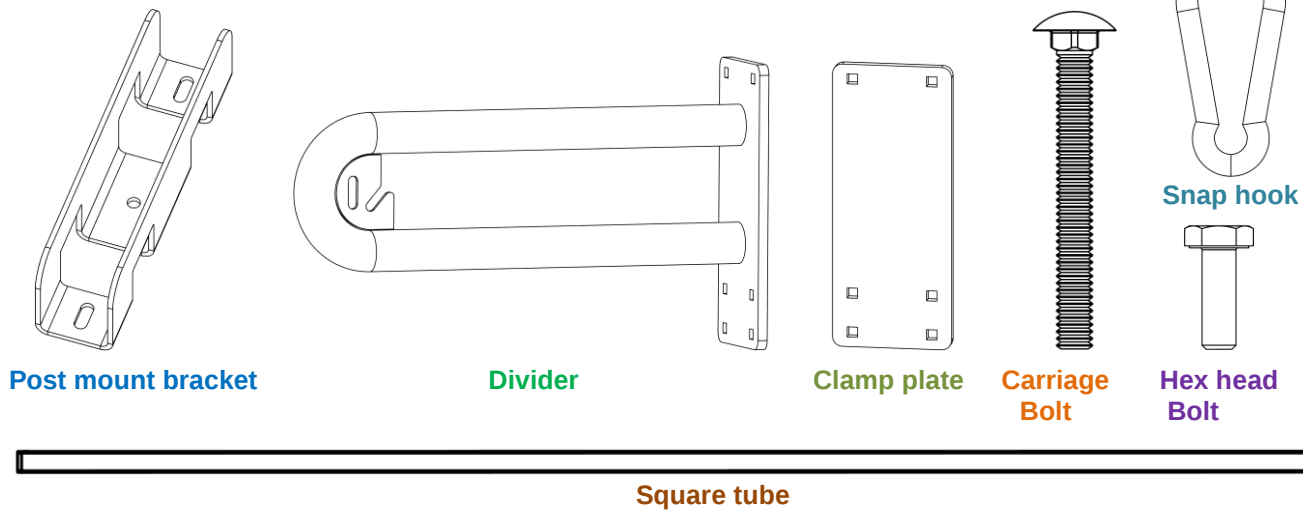
31-006-286



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	31-014-439	SQUARE TUBE FRAME	2
2	31-016-069	CLAMP PLATE BRACKET	6
3	31-016-070	POST MOUNT BRACKET	2
4	31-514-279	FRAME DIVIDER WELDMENT	6
5	21162	1/4"-20 X 2 1/4" ZINC FINISH, CARRIAGE BOLT	24
6	99-145-025	CHAIN, 3/16 X 36"	3
7	08-145-008	1/4" SNAP HOOK	2
8	11003	HEX BOLT, GRADE A, ZINC PLATED, 1/4"-20 X 3/4"	8
9	33004	FLAT WASHER, USS, ZINC PLATED, 1/4"	12
10	37018	NYLON LOCK NUT, GRADE 2, ZINC FINISH, 1/4"-20	32

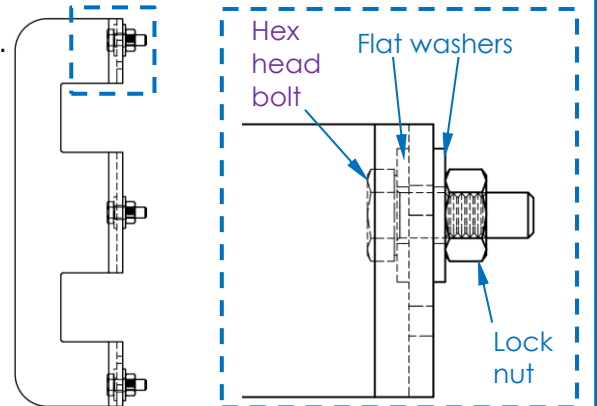
ASSEMBLING THE STORAGE RACK

Refer to the *EXPLODED VIEW* (above). Five and eight digit numbers in parentheses () correspond to part numbers in the exploded view and its bill of materials.



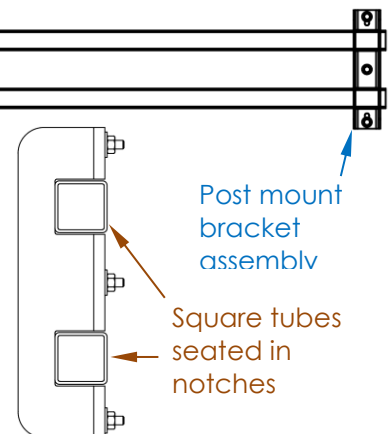
I. Install hardware in the **post mount brackets** (31-016-070).

1. Slide a flat washer (33004) onto six (6) 1/4-20 x 3/4" **hex head bolts** (11003).
2. Insert a bolt through all three (3) of the bolt holes in each bracket.
3. Loosely attach another flat washer and a lock nut (37018) to each bolt. The lock nuts and outer washers fit inside the slotted openings of your pallet rack posts. In this manner, attach 1 of the brackets to your pallet rack at the chosen location.



II. Install **square tubes** (31-014-439).

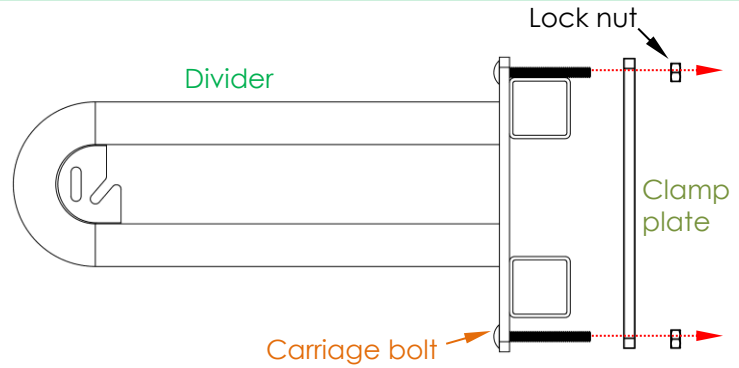
1. Insert the square tubes into the notches of the bracket.
2. Next, align the opposite/free ends of the square tubes with the notches of the second post mount bracket
3. Install the second bracket on the adjacent pallet rack post. The second bracket must be installed at the same height as the first bracket.
4. Adjust the tubes as necessary to center them between the brackets. Then, tighten the (6) bracket bolts and lock nuts.



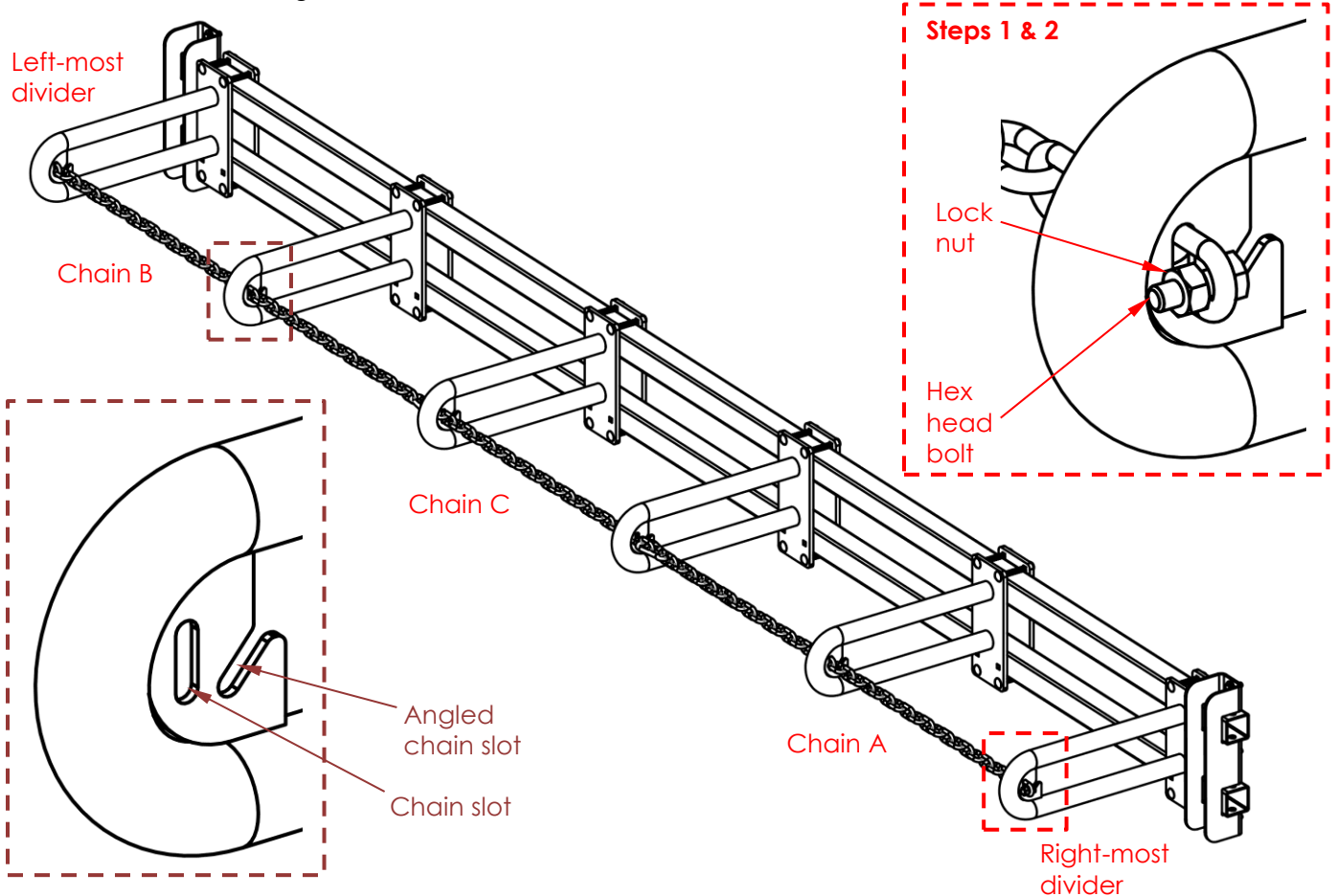
III. Attach **dividers** (31-514-279) to the square tubes at desired locations.

1. Set a divider against the square tubes with the upper set of bolt hole above the upper tube.
2. Align the upper set of bolt holes of a **clamp plate** (31-016-069) with the bolt holes in the divider.
3. Install two (2) 1/4"-20 X 2 1/4" **carriage bolts** (21162) through the bolt holes in both the divider and the clamp plate.

4. Install a lock nut (37018) on each bolt. Leave the connections loose for now.
5. Install carriage bolts through the bottom set of bolt holes in the divider and in the clamp plate and secure them with lock nuts.
6. Position the divider as desired; then tighten the lock nuts.
7. Repeat steps 1-6 with the remaining dividers and clamp plates.



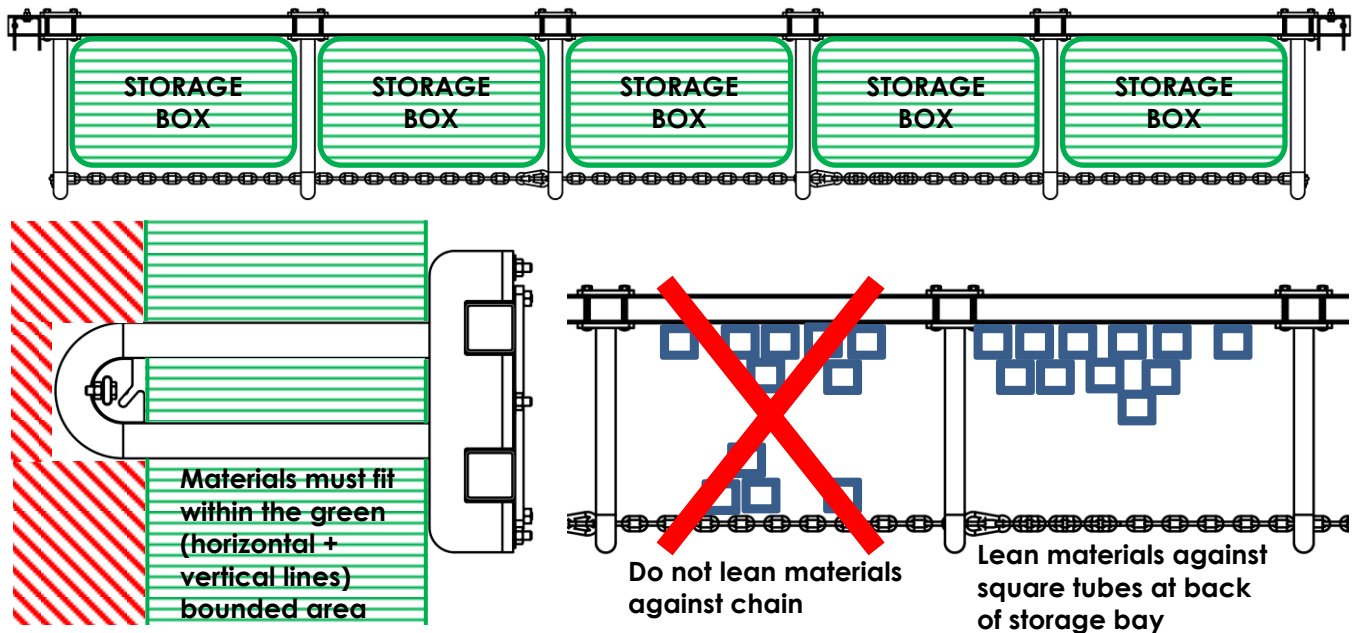
IV. Feed chains through the dividers.



1. Insert the first link of one of the chains (A) through the vertical chain slot of the right-most divider.
2. Slide a $\frac{1}{4}$ -20 X $\frac{3}{4}$ " hex bolt (11003) through the link and secure it in place with a $\frac{1}{4}$ -20 lock nut (37018).
3. Feed the chain (A) through the adjacent divider(s). Seat a link of the chain in the angled chain slots of the dividers.
4. Insert the first link of another chain (B) through the chain slot of the left-most divider. Slide a $\frac{1}{4}$ -20 X $\frac{3}{4}$ " hex bolt (11003) through the link and secure it in place with a $\frac{1}{4}$ -20 lock nut (37018).
5. Feed the chain (B) through the adjacent divider. Seat a link of the chain in the **angled chain slot** of the adjacent divider.
6. Attach **snap hooks** (08-145-008) to both ends of the remaining/3rd chain (C).
7. Attach a snap hook to the free end of chain (A). Feed the chain (C) through the remaining dividers and attach the other snap hook to the free end of chain (B).

USING THE STORAGE RACK

Store materials in the bays of the storage rack. Lean materials against the square tubes at the back of the rack. Materials must not rest on the chains. Distribute materials among the bays. Stored materials must be contained within the storage box of each bay.



RECORD OF SATISFACTORY CONDITION (THE “RECORD”)

After the unit is assembled and installed, make a detailed record of its condition. Include photos and/or videos of all features: Dividers, mount brackets, chains, snap hooks, clamp plates, and all fasteners (bolts, washers, nuts). Thoroughly photograph/video the assembled rack from multiple angles so that all features are clearly imaged. Photograph/video all labels applied to the product. Describe where each label is located. Collect all recordings (photographs, videos, and writings) in a folder. The recordings provide a record of the product in satisfactory condition. Compare the results of each inspection to this *RECORD* to determine if the unit remains in satisfactory condition. Do not use the storage rack unless it is in satisfactory condition.

INSPECTING AND MAINTAINING THE STORAGE RACK

Compare inspection results to your [RECORD](#). Do not continue to use the product unless every component is in [SATISFACTORY CONDITION](#). DON'T GUESS! If you are uncertain whether your storage rack is safe to continue using, or to order replacement parts for your storage rack, contact the [TECHNICAL SERVICE](#) department. Contact information is provided on the cover page of this manual. Cosmetic changes, like damaged paint/powder coat do not constitute changes from satisfactory condition. However, touchup paint should be applied to all affected areas as soon as damage occurs.

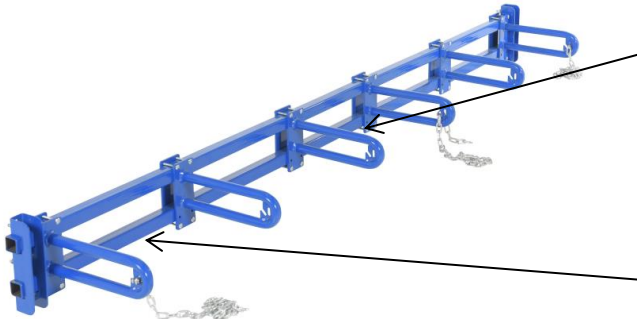
Inspect the following at least once per month:

1. Surfaces – Check all surfaces of the product for dirt or other matter, especially fluids. Clean the surfaces with a mild soap and water solution. Apply touchup paint to all areas where the paint/powder coat is damaged.
2. Hardware, fasteners – Examine hardware & fasteners (bolts, washers, lock nuts). Replace damaged/worn hardware. Anytime a lock nut is removed, it must be replaced with a new (unused) lock nut.
3. Frame elements (dividers, post mount brackets, square tubes, clamp plates) - Examine all frame elements for wear, breaks, corrosion/rust, metal fatigue, and other forms of damage (e.g. impact damage). If any type of damage has weakened the any frame element, contact [TECHNICAL SERVICE](#) for advice.
4. Labels – Replace any label that is damaged, missing, or not easily readable from a reasonable distance.

LABELING DIAGRAM

Label content and locations are subject to change so your product might not be labeled exactly as shown. Compare this diagram to your [RECORD](#). If differences exist between the diagram and the *RECORD*, contact [TECHNICAL SERVICE & PARTS DEPARTMENT](#).

Replace all labels that are damaged, missing, or not easily readable (e.g. faded). To order replacement labels, contact the technical service and 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](#).



LABEL 1153

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

LABEL 1105

⚠ WARNING

Improper installation and/or loading might result in serious personal injuries. **1105**

- Do not stack material only in 1 bay. Distribute loads evenly across all bays.
- Contact pallet rack manufacturer to determine if/how using this product affects the rack.



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 30 days. For wearing parts, the warranty period is 30 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) are 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 such code or standard is not a defect in material or workmanship.