



Vestil Manufacturing Corp.

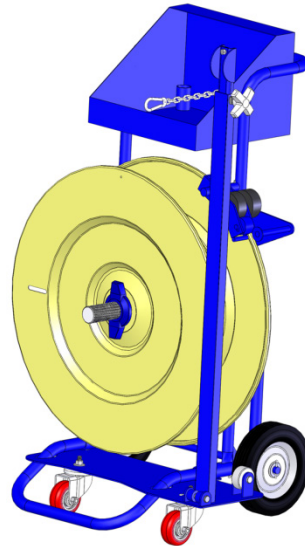
2999 North Wayne Street, P.O. Box 507, Angola, IN 46703

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

Fax: (260) 665-1339

Web: www.vestilmfg.com e-mail: info@vestil.com

STRAP-P2



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

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 all hazards associated with the use of our products. However, material handling is dangerous and no manual can address every risk. The most effective way to avoid injury is for the end-user to exercise sound judgment whenever using this product.

WARNING

Risks of serious personal injuries or death.

- **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 whenever necessary. Properly maintain the device following to the [INSPECTIONS & MAINTENANCE](#) instructions on [p. 6](#).
- DO NOT remove, alter, or obscure any label. If a label is missing, damaged, or unreadable, contact the [TECHNICAL SERVICE AND PARTS DEPARTMENT](#) to order a replacement. DO NOT use the cart until all replacement labels are applied. DO NOT remove or obscure any label.
- DO NOT sit on the spool holding mechanism, i.e. retaining discs. Only use the cart to move spools of strapping material.
- DO NOT traverse sloped terrain with the cart unless you can easily handle the cart. ALWAYS remain uphill of the cart whenever moving up or down inclines.
- Store the cart in a dry location that is protected from weather whenever the cart is not in use.
- DO NOT exceed the capacity/maximum rated load. See Label 1153 on product; also see [LABELING DIAGRAM](#) on p. 7.
- DO NOT ride, or allow others to ride, on the cart.
- DO inspect the product according to the instructions in [INSPECTIONS & MAINTENANCE](#) on p. 6. DO NOT use the product unless it is in [SATISFACTORY CONDITION](#). See [RECORD](#) on p. 6.
- DO NOT modify the product without written approval from Vestil. **Unapproved modifications automatically void the [LIMITED WARRANTY](#) (p. 8) and might make the product unsafe to use.**

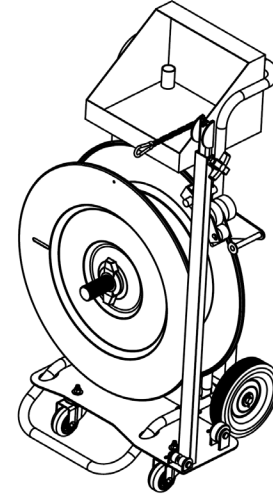
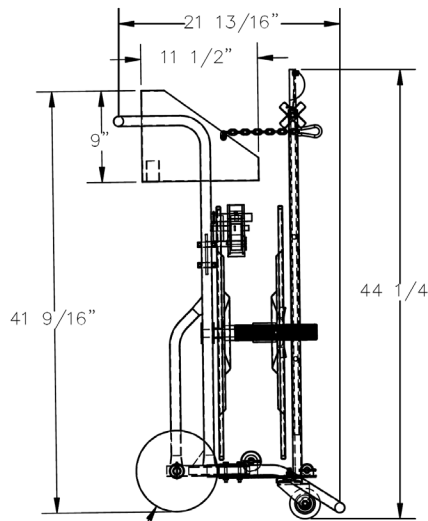
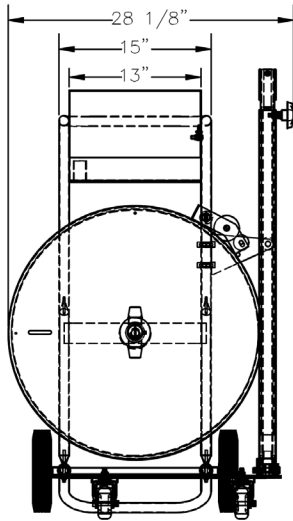
SPECIFICATIONS (45-007-023)

Specifications for STRAP-P2 strap dispensing carts are provided on Vestil's website. To access the appropriate specifications document, navigate to this webpage: <https://www.vestil.com/product.php?FID=408>. 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 blue 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 an exemplar specifications document.

MANUAL PALLET PROBE STRAPPING CART - STRAP-P2

APPROX WEIGHT: 85 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



DIMENSION TOLERANCE ± 1/4"

(2) Ø8" HARD RUBBER WHEEL

STANDARD FEATURES

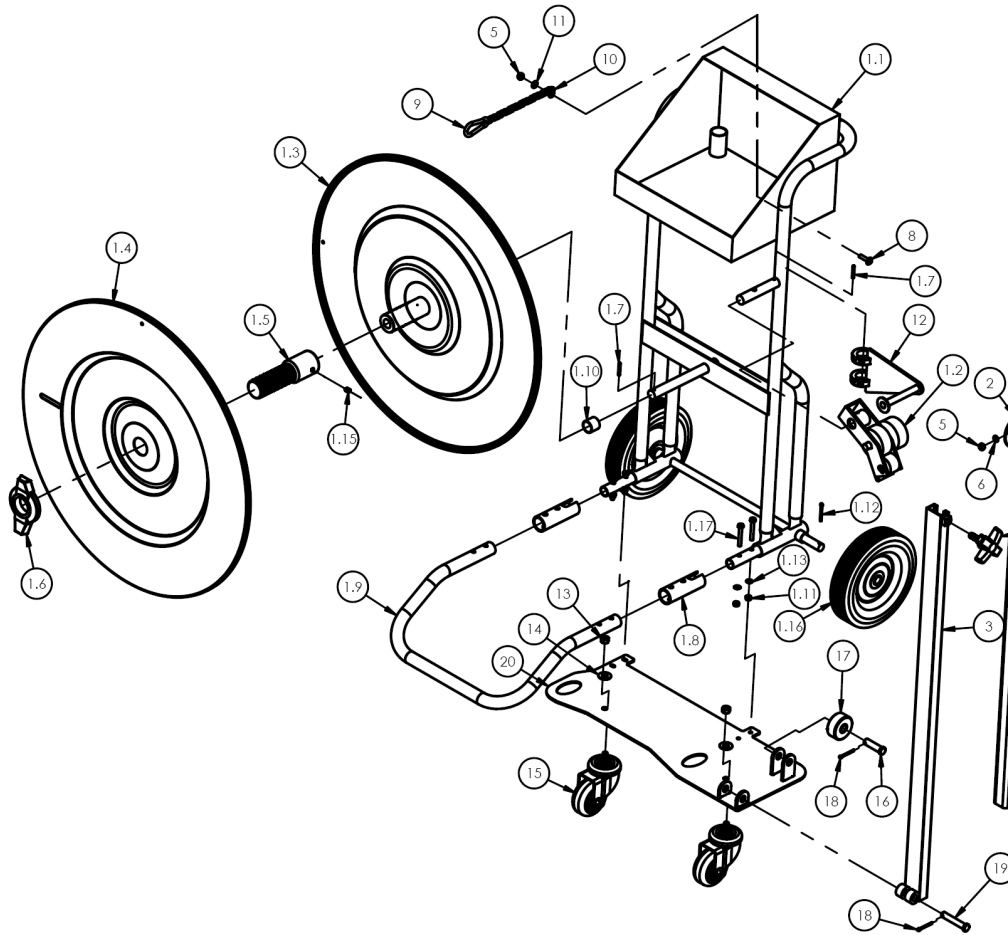
- MODEL NUMBER IS STRAP-P2
- OVERALL WIDTH IS 30 1/2"
- USABLE WIDTH IS 25"
- OVERALL LENGTH IS 25 3/8"
- OVERALL HEIGHT IS 42 1/2"
- EQUIPMENT TRAY MEASURES 13" X 11 1/2" X 9"
- TOUGH BAKED IN POWDER COATED BLUE AND YELLOW FINISH
- 8" HARD RUBBER WHEEL

SPECIAL FEATURES

NONE

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		P.O.# X	
DRAWN BY: CRH		DATE: 11/1/2018	
SALES: X	SCALE: 1:12	FILE NAME:	
REFERENCE: X	QUOTE # X	45-007-023	
QUOTED LEAD TIME: X	QUOTE # X		

EXPLODED VIEW AND BILL OF MATERIALS (45-006-023)



Item	Part no.	Description	Qty.	Item	Part no.	Description	Qty.
1	45-001-021	STRAP-PS-HD FRAME	1	3	45-514-029	WELDMENT, OUTER ARM, STRAP	1
1.1	45-514-028	WELDMENT, FRAME	1	4	45-514-031	WELDMENT, CLIP	1
1.2	45-645-003	SPECIALITY HARDWARE ASSEMBLY, GUIDE WHEEL	1	5	36102	HEX NUT, GRADE A, ZINC PLATED, 1/4-20	2
1.3	45-014-013	FRAME, WHEEL, INNER BANDING	1	6	33618	MEDIUM SPLIT LOCK WASHER, Ø1/4"	1
1.4	45-014-014	FRAME, WHEEL, OUTER BANDING	1	7	29163	1/4"-20 UNC PHILLIPS HEAD MACHINE SCREW 1/2" LG.	1
1.5	45-112-005	PIN, STRAPPING CART	1	8	29185	SCREW, MACHINE, TRUSS HEAD	1
1.6	45-145-003	NUT, BANDING WHEEL WINGED	1	9	08-145-008	SPECIALTY HARDWARE, SNAP HOOK, Ø1/4	1
1.7	64104	PIN, SPRING PIN, Ø5/32 x 1 1/8 LG.	2	10	45-145-008	CHAIN, #2 LACLEDE	1
1.8	45-014-050	FRAME, TUBE, COUPLE	2	11	33076	#12, SAE FLAT WASHER, ZINC FINISH	2
1.9	45-014-049	FRAME, TUBE SUPPORT	1	12	45-514-041	WELDMENT, FRAME, EXTENSION ARM	1
1.1	45-113-006	SPACER, BUSHING	1	13	36106	HEX NUT, GRADE A, ZINC PLATED, 3/8-16	2
1.11	94645A205	M6-1 DIN 985 CLASS 8 STEEL NYLON INSERT LOCK NUT	4	14	33008	FLAT WASHER, LOW CARBON, USS, ZINC PLATED, 3/8"	2
1.12	65078	EXTENDED PRONG COTTER PIN, ZINC FINISH, 1/8" x 1 1/2"	2	15	16-132-164	CASTER, FRONT	2
1.13	33074	SAE FLAT WASHER, Z-PLATED, 3/16" (#10)	4	16	21-112-003	PIN, Ø1/2 X 1-15/16 LG RETAINING CLEVIS	1
1.14	33424	MACHINE BUSHING, LOW CARBON, PLAIN FINISH, Ø3/4" X 18 GA	2	17	21-527-002	SUB-ASSEMBLY, ROLLER W/ BUSHING	1
1.15	25437	5 /16-18 UNC x 3/8 LG SSS CP	1	18	65078	EXTENDED PRONG COTTER PIN, ZINC FINISH, 1/8" x 1 1/2"	2
1.16	16-132-853	WHEEL, STEEL HUB, HR-8/2-W	2	19	66094	CLEVIS PIN, LOW CARBON STEEL, PLAIN FINISH, Ø7/16 x 2 1/2"	1
1.17	38570	M6 X 1.0 x 45mm HHCS	4	20	45-514-040	WELDMENT, FRAME, BASE PLATE	1
2	45-514-030	WELDMENT, INNER ARM, STRAP	1	21	08-025-007	KNOB, Ø3/8-16 UNC THD X 1 1/4 LG	1

LOADING SPOOLS OF STRAPPING

The retaining discs are multi-tiered to accept 16" x 3", 16" x 6", or 8" x 8" spools of either steel or polyester strapping material. The following steps describe how to load a spool into the spool holding mechanism.

STEP 1: Inspect the cart according to the [INSPECTIONS](#) instructions on p. 5.

STEP 2: Lay the cart on the ground with the outer retaining disc facing upwards.

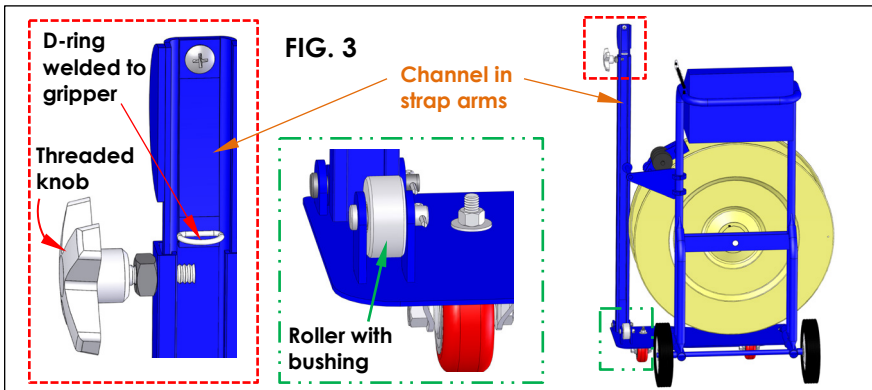
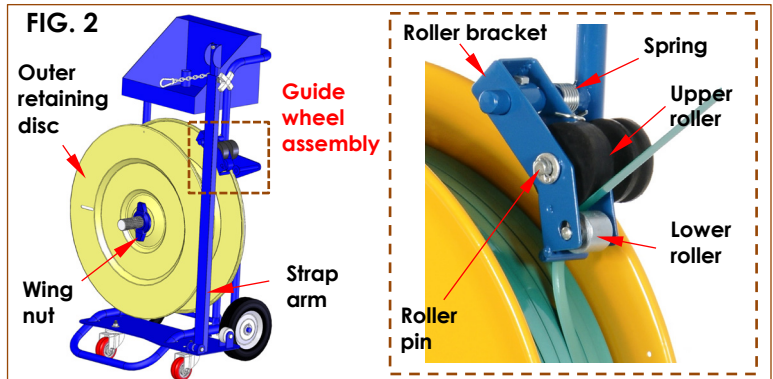
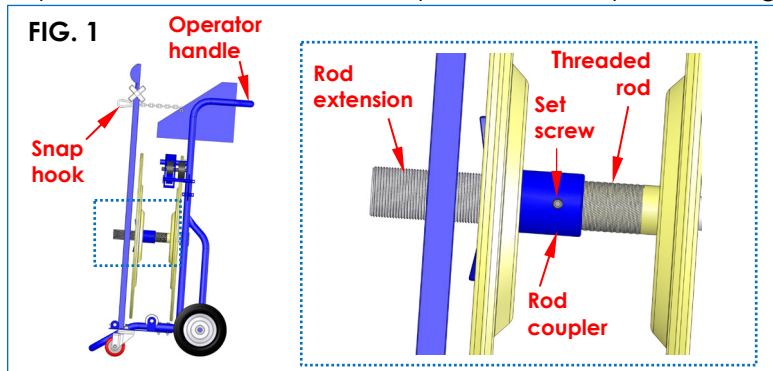
STEP 3: Unwind the wing nut and remove the outer retaining disc.

STEP 4: Install a selected spool of strapping material. Orient the spool with the strapping wound counterclockwise around the spool. Center the core of the spool on the threaded rod. Install the rod extension if the spool of strapping material is wider than 3 inches. To install the extension, wind the rod coupler onto the end of the threaded rod and then tighten the set screw. Refer to FIG. 1. **NOTE:** The threaded rod will accommodate spools up to 3 inches wide.

STEP 5: Feed the end of the strapping material between the upper and lower rollers of the guide wheel assembly (45-645-003) as shown in FIG. 2.

STEP 6: Reattach the outer retaining disc and wing nut.

STEP 7: Feed the strapping material behind the roller with bushing (21-527-002) which is attached to the base plate (45-514-040). Pull the strapping material through the channel in the strap arms (inner and outer). Pull up on the D-ring and feed the strapping underneath the gripper (D-ring is welded to the top of the gripper). See FIG. 3.



DISPENSING STRAP MATERIAL

Move the cart by grasping the operator handle and pushing the cart (not pulling) to the work location. Do not traverse sloped terrain with the cart unless you can easily maintain control of the cart. Always remain uphill of the cart whenever traveling up or down slopes.

The strap arm should span the width and length of your pallet. Adjust the length of the strap arm, if necessary, by loosening the threaded knob. Pull the end of the inner strap arm. Align the appropriate bolt hole in the inner arm with the bolt hole in the outer arm and reinstall the knob. Once arm length adjustment is finished, align the strap arm with a fork channel in the pallet. Push the cart forward until the arm projects through the fork channel. Lift the D-ring, grasp the end of the strapping material, and slowly and steadily pull the strapping. The spool holding mechanism (inner and outer discs and threaded rod) rotates as strapping is dispensed. Do not pull quickly and forcefully on the end of the strapping because the spool holder will over rotate and dispense too much strapping.

Change spools of strapping by applying the [LOADING SPOOLS OF STRAPPING](#) instructions.

Attach the snap hook to the D-ring to secure the strap arm in the upright/storage position. Only use the snap hook to hold the strap arm in the upright position.

RECORD OF SATISFACTORY CONDITION

Record the condition of the cart before putting it into service for the first time. Include observations about the tool tray, inner and outer strap arms, spool retaining discs, welds, frame elements, chain, and snap hook, wheels and casters, guide wheel assembly, and strap dispensing mechanisms (collectively "cart features"). Thoroughly photograph the unit so that all cart features are clearly imaged. Take close range photographs of all labels applied to the unit. Add the photographs to the record. Describe where each label is located. Collect all photographs and writings in a file. This file is a record of the cart in satisfactory condition. Compare the results of all inspections to the *RECORD* to determine if the unit is in satisfactory condition.

INSPECTIONS & MAINTENANCE

NOTICE

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

- Inspect the unit as instructed and as frequently as instructed.
- Store the unit in a dry location.

Compare the results of each inspection to the [RECORD OF SATISFACTORY CONDITION](#) to determine whether the unit should be used. DO NOT use the cart 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, touchup paint should be applied to all areas where the finish is damaged as soon as the damage occurs because exposed metal rusts. Left unprotected, rusting could compromise the soundness of the metal and create a safety hazard.

Inspect the following before each use:

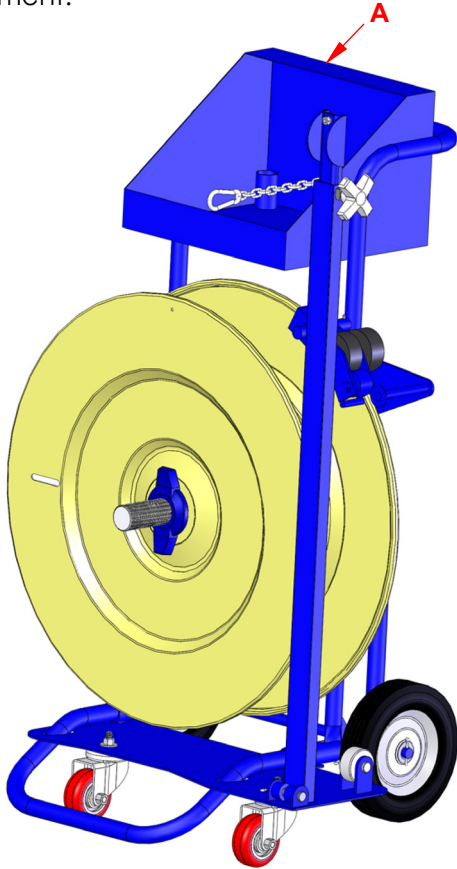
1. Labeling: All labels should be easily readable and in place as shown in the [LABELING DIAGRAM](#). If a label is damaged, not easily readable, or missing, contact [TECHNICAL SERVICE](#) to order a replacement.

Inspect the following at least 1 time per month:

1. Frame: inspect all welds for cracks. Inspect the metal tubing for damage, warps, and cracks. Examine all fastened connections, i.e. wherever 2 or more pieces are joined with fasteners (bolts, nuts, pins, etc.). Make sure that nuts and bolts are securely fastened together and that bolt/pin holes in the frame are not elongated, warped, or cracked. Confirm that clevis pins are secured in place with cotter pins.
2. Wheels and casters: Check both wheels and both casters for wear, cuts, dry rot, and other damage. The wheels and caster wheels should roll smoothly without wobbling, skidding, etc. The center hubs should not be cracked.
3. Spool dispensing assembly: Examine the inner and outer retaining discs, the wing nut, the threaded rod, the rod coupler and set screw, and the rod extension. Make sure that the wing nut threads smoothly and easily onto the threaded rod and the rod extension. Confirm that the rod and extension are both straight and that the threads are undamaged. Inspect the retaining discs for warps and cracks. Examine the guide wheel assembly (roller bracket, upper and lower rollers, spring, washers, roller pin, and cotter pins) for damage, missing, worn, or loose parts. Inspect the). Replace all parts that are damaged.
4. Strap arm: Inspect the inner and outer strap arm weldments. Look for rusting/corrosion, cracks, bends, and other forms of damage. Confirm that the D-ring is solidly welded to the strap gripper. The Gripper should be securely attached to the end of the inner strap arm.
5. Chain and snap hook: Examine the chain a snap hook for damage.

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 actual 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 or by calling (260) 665-7586 and asking for the Parts Department.



A (on tool tray): 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	

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	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) 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.

