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# ORHT-SNP-55



**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 that a particular action will cause personal injuries or property damage. Signal words also specify the level of seriousness of injury if the product is misused in the ways described. The following signal words are used in this manual.



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 all foreseeable hazards associated with the use of its products. Material handling is dangerous and no manual can address every conceivable risk. Ultimately, the most effective way to prevent injury is to apply sound judgment whenever using this device.

### WARNING

**Risks of serious personal injuries arise from using this device.**

- **DO NOT use the hand truck until you read and understand the entire manual.** Read the manual to refresh your understanding of proper use and maintenance procedures whenever necessary. A copy of this manual should be kept in a location accessible, and known, to all users of the truck.
- **DO NOT** modify the truck in any way **UNLESS** you first obtain written approval from Vestil. Unapproved modifications automatically void the [LIMITED WARRANTY](#) on p. 7 and might make the product unsafe to use.
- **DO NOT** exceed the capacity: 550 pounds (250 kg). Capacity information is provided in on-product labeling. See Label 1153 in the [LABELING DIAGRAM](#) on p. 6.
- **DO NOT** use the hand truck unless it is in [SATISFACTORY CONDITION](#). Inspect the truck as directed in [INSPECTIONS & MAINTENANCE](#) on p. 5-6. Compare all inspection results to the [RECORD OF SATISFACTORY CONDITION](#) on p. 5.
- **DO NOT** traverse sloped terrain unless it is unavoidable. Always remain upslope from the truck while traversing sloped terrain. Only traverse sloped terrain if you can easily handle the loaded truck. If necessary, another person should assist you.
- **DO NOT** transport a load **UNLESS** it is securely strapped to the frame. **DO NOT** move unstable loads with the hand truck.
- **DO NOT** transport people with the truck.
- **DO NOT** use this device **UNLESS** all product labels are readable and undamaged. See [LABELING DIAGRAM](#).

### NOTICE

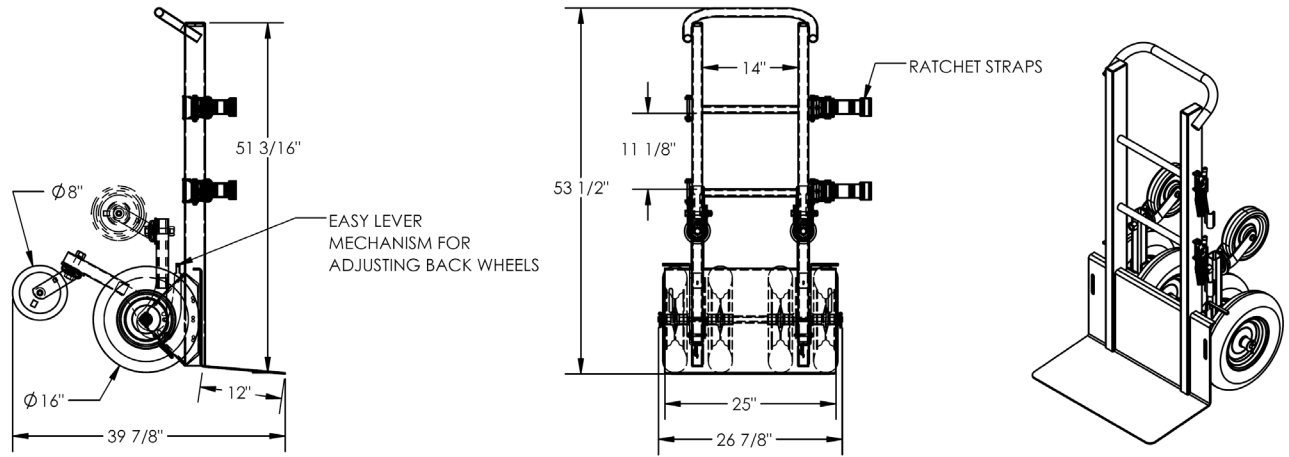
Proper use, maintenance, and storage are essential for this product to function properly.

- Always use, inspect, and maintain this product in accordance with the instructions in this manual.
- Keep the product clean & dry. Lubricate moving parts.

# SPECIFICATIONS

Specifications for ORHT hand trucks are provided on Vestil’s website. To access the specifications document, navigate to this webpage: <https://www.vestil.com/product.php?FID=1003>. 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 drawing and keep it with your copy of this manual. The following is an exemplar specifications document (16-007-435).

**OFF ROAD HAND TRUCK - ORHT-SNP-55** APPROX WEIGHT: 192.17 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



**STANDARD FEATURES**

- MODEL NUMBER IS ORHT-SNP-55
- OVERALL WIDTH IS 26 7/8"
- OVERALL LENGTH IS 39 7/8"
- OVERALL HEIGHT IS 53 1/2"
- USABLE HEIGHT IS 51 3/16"
- NOSE PLATE IS 12" X 25"
- MAX CAPACITY IS 550LBS
- 2 - 8" X 2" PHENOLIC SWIVEL CASTERS
- 4 - 16" X 4" FOAM FILLED WHEELS
- TOUGH BAKED IN POWDER COATED 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.

**ANY MODIFIED UNITS ARE NON-RETURNABLE**

[ ] As drawn [ ] As marked

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

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

**LEAD TIME WILL START UPON RECEIPT OF SIGNED APPROVAL DRAWING**

FOR INTERNAL USE ONLY PROJECT SIGN OFF		DISTRIBUTOR'S NAME: <b>VESTIL MANUFACTURING</b>		P.O.# X
SALES		DRAWN BY:	DATE:	W.O.# X
ENG.		REFERENCE: X	SCALE: 1:18	SALES: X
FAB.		QUOTED LEAD TIME: X	QUOTE # X	FILE NAME: 16-007-435
POWER				

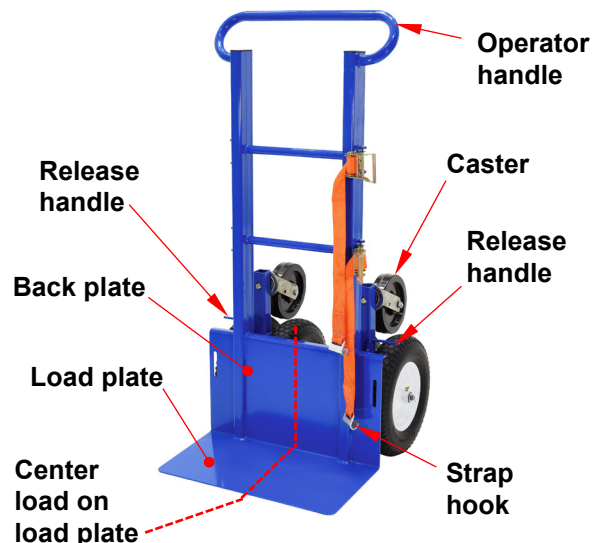
## EXPLODED VIEW AND BILL OF MATERIALS (16-006-435)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	16-514-304	FRAME WELDMENT	1
2	16-132-246	16" X 4" FOAM FILLED WHEEL	4
3	16-112-074	AXLE, ROD	1
4	11067	HHCS #2 Z PLATED, 5/16-18 X 3.5 LG	4
5	36104	HEX NUT, GRADE A, ZINC PLATED, 5/16-18	6
6	33006	FLAT WASHER, ZINC PLATED, USS, 5/16"	6
7	16-145-018	2" X 36" STRAP WITH RATCHET	2
8	16-132-181	STEM CASTER, PH-F-8/2-S-STM	2
9	16-025-091	HANDLE, RELEASE, LEFT, FORMED	1
10	16-025-090	HANDLE, RELEASE, RIGHT, FORMED	1
11	16-113-042	SPACER	1
12	33016	FLAT WASHER, LOW CARBON, USS, ZINC PLATED, 5/8"	6
13	65127	COTTER PIN Z PLATED, 3/16 X 2	2
14	16-514-305	WELDMENT, FRAME, BRACKETS	2
15	21-024-021	CAP, RECTANGULAR GLIDE	2
16	11063	HEX BOLT, GRADE A, ZINC FINISH, 5/16"-18 X 2-1/2"	2
17	36116	3/4-10 HEX NUT	2
18	33-146-007	SPRING	2

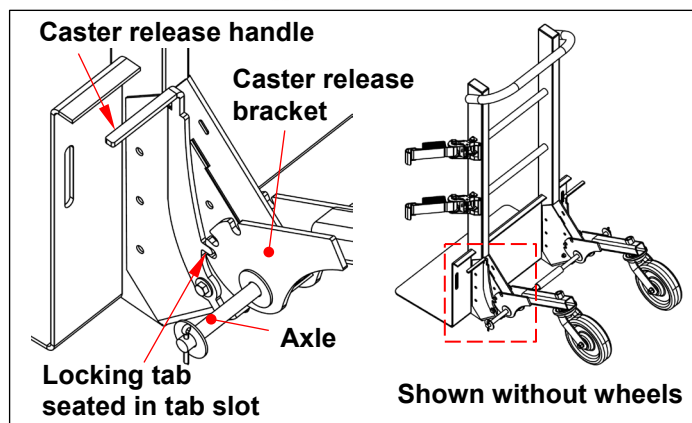
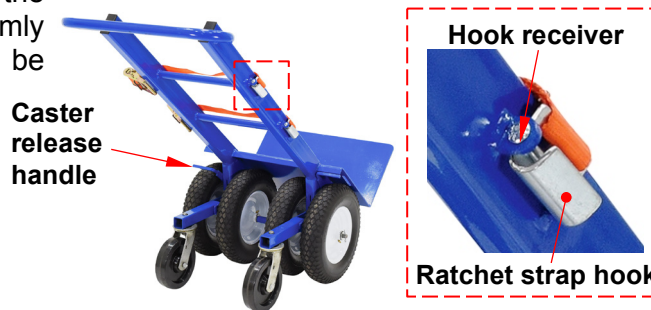
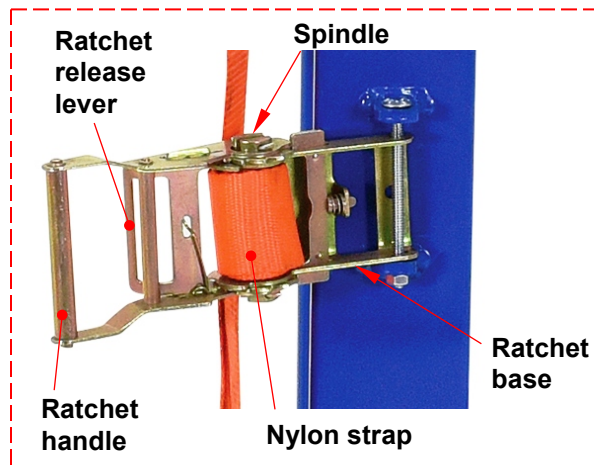
### USING THE PRODUCT

NOTE: Numbers in parentheses () correspond to item numbers in the exploded view and bill of materials.

1. Position the hand truck next to the load. Make sure that the load plate is flat against the ground. Move the load onto the load plate. The load should contact the back plate. Center the load on the plate.
2. Locate the ratchet straps (7). There are 2 straps. If a load is at least as tall as the upper strap, use both straps.
  - A. Release the ratchet mechanism to extend the strap.
    - i. Pull the release lever up (toward the handle).



- ii. While holding up the release lever, pivot the handle as far from the ratchet base as it will travel (approximately 180 degrees). Let go of the release lever.
- iii. Pull the hook end of the strap to unwind strap from the spindle.
- B. Secure the load to the truck frame.
  - i. Wrap the strap(s) around the outside of the load.
  - ii. Attach the strap hook(s) to the corresponding hook receiver(s).
  - iii. Pull the release lever up. Move the (ratchet) handle back towards the base and let go of the release lever.
  - iv. Move the handle back-and-forth to tighten the strap against the load. A strap must firmly engage the load. The cylinder should not be able to move when the strap is tightened.
- 3. The casters (8) provide support when the truck frame is reclined. Press the release handles (9; 10) forward. Select the desired position of the casters and let go of the release handles. Make sure that the locking tabs seat into a tab slot. Pull the cart handle towards you to recline the frame and bring the casters into contact with the ground.
- 4. Push the truck to the unloading location. Do not traverse sloped terrain unless it is unavoidable AND you are able to easily control the loaded truck on the sloped terrain. ALWAYS remain uphill of the truck while traversing sloped terrain.
- 5. Push the handle forward to return the load plate to the ground. Release the strap(s) by applying step 2A on p. 4-5.



**RECORD OF SATISFACTORY CONDITION (THE “RECORD”)**

Before putting the hand truck into service, make a detailed record of its condition. Include observations the ratchet assemblies and straps, hook receivers, wheels, casters, caster release mechanisms (handles, brackets, tabs, slots), pivot points, welds, frame elements, and fasteners (bolts, nuts, washers, etc.) and . Thoroughly photograph the unit from multiple angles so that all features are clearly imaged. Photograph all labels applied to the product. Describe where each label is located. Collect all photographs and writings in a file. This file is a record of the product in satisfactory condition.

**INSPECTIONS AND MAINTENANCE**

Compare inspection results to the **RECORD**. Do not continue to use the product unless every component is in **SATISFACTORY CONDITION**. 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. Contact **TECHNICAL SERVICE** to order replacement parts. Contact information is provided on the cover page of this manual.

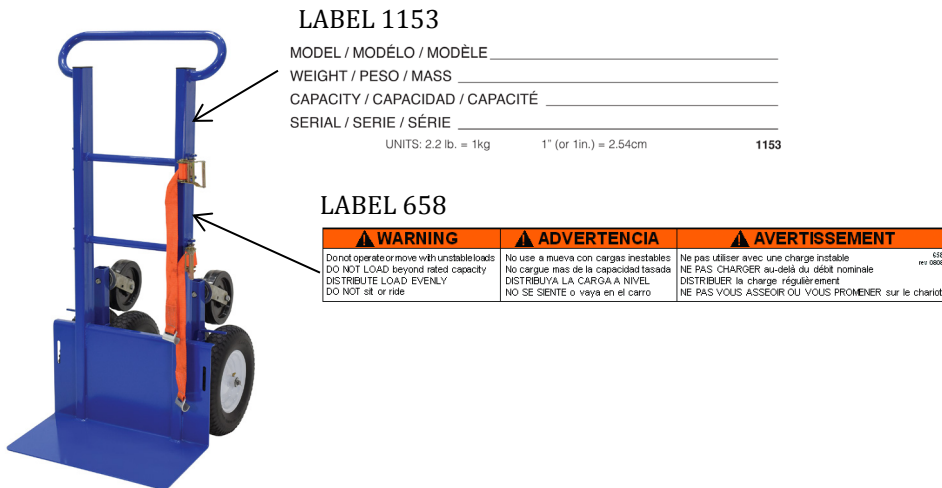
Inspect the following at least once per month:

- 1. Surfaces – Clean dirt and debris from the surfaces of the truck.

2. Hardware, fasteners – Examine hardware & fasteners (bolts, nuts, washers, pins, & clips). Replace damaged/worn hardware. If a lock nut must be removed, replace it. Do not reinstall old lock nuts.
3. Frame – Examine the frame, especially the load plate and back plate (see p. 4), for wear, breaks, corrosion/rusting, metal erosion or fatigue, and other forms of damage (e.g. impact damage). If rusting is purely superficial, remove the rust/corrosion. Clean the affected area and apply touchup paint. If rusting, rot, or thinning has weakened the material, contact **TECHNICAL SERVICE** for advice.
4. Wheels and casters – Inspect each wheel and caster for cuts, punctures, dry rotting, etc.
5. Labels – Replace labels that are damaged 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 the **RECORD**. If differences exist between the diagram and the **RECORD**, contact **TECHNICAL SERVICE**. 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 [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 **Technical Service and Parts Department**.





## 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 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) 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 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.