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## SPS2-Series Stock Picker Carts 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, 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, installation, use, and maintenance comply with 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 your attention to situation that could result in personal injuries or property damage. DANGER, WARNING, and CAUTION are used to identify situations that pose risks of personal injuries. Signal words that are used in this manual appear below along with 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.

Each person who assembles, installs, uses, or maintains this product should read the entire manual and fully understand the directions in advance. If after reading the manual you do not understand an instruction, ask your supervisor or employer for clarification, because failure to adhere to the directions in this manual might result in serious personal injury.

## Hazards of Improper Use

The following warnings identify foreseeable hazards associated with the use of this product. Material handling is dangerous and no manual can address every conceivable risk. The most effective means for avoiding injury is to follow the directions in this manual and apply good judgment whenever using the cart.



Improper or careless use might result in 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 exceed the capacity (see Label 446 on p. 4).
  - Overall capacity of the cart is 1000 pounds (454.5kg).
  - Each shelf has a capacity of 550 pounds (250kg).
  - The capacity of the step assembly is 350 pounds (159kg).
- All items loaded on the cart must fit within the shelves. Loads must not hang over the shelves. Only use the cart to transport stable, evenly distributed, non-hazardous loads.
- Use this cart ONLY on even, level surfaces.
- BEFORE climbing the steps, lock the swivel casters (item 3 on p. 3).
- DO NOT modify the product in any way UNLESS you first obtain written approval from Vestil. Unauthorized modifications automatically void the Limited Warranty and might make the product unsafe to use.
- DO NOT use this device UNLESS all product labels (see “Label Placement Diagram”) are readable and undamaged.
- Inspect the product before each use. Do not use it unless it is in normal condition (see “Inspections & Maintenance” on p. 3-4).
- Always properly load the cart:
  - If the load might roll or slide off of the deck, strap it to the deck before moving the cart.
  - Evenly distribute weight on the shelves. DO NOT concentrate loads along the sides of the shelves.
  - Load the bottom shelf first; then load the top shelf. Label 446 (see p. 4) indicates the capacity per shelf as well as the total capacity of the cart.



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

- Apply the inspection and maintenance instructions in this manual (p. 3-4).
- Keep the product clean & dry. Always store it inside.

## Exploded Parts Diagram and Bill of Materials

Item	Part number	Description	Qty.
1	32-514-013	Frame subassembly weldment SPS2-2236; or SPS2-2840; or SPS2-2848	1
	32-514-014		1
	32-514-015		1
2	16-132-012	MR-4/2-R rigid caster	2
3	16-132-054	MR-4/2-RB-S-SWB, swivel caster with brake	2
4	14-037-005	Rubber foot, crutch tip	4
5	11105	<sup>3</sup> / <sub>8</sub> in. - 16 x 1in. HHCS #2 zinc-plated bolt	16
6	36106	<sup>3</sup> / <sub>8</sub> in. - 16 zinc-plated hex nut	16

### Using the cart

Items should fit entirely within the shelves without hanging over the sides of the shelves. Center and evenly distribute items on the shelves. Load the lower shelf first.

ALWAYS lock both swiveling casters before climbing the steps. To lock a caster, press down on the brake lever. The brake should press firmly against the surface of the caster.

**⚠️ WARNING** Improper use could result in serious personal injuries.

- Do not stand on the top shelf.
- Load capacity (in pounds) per shelf is 550 lb. (250kg). Overall capacity of the cart is 1000 lb. (454.5kg).
- The capacity of the step assembly is 350 pounds.
- Each cart is labeled with its capacity (see “Labeling diagram,” on p. 4). The label indicates the **net capacity** of the cart, i.e. the weight of all ancillary equipment (such as tools) added to the cart must be added to the weight of the load. The total weight must be less than or equal to the rated capacity of the cart: Weight of load + weight of ancillary equipment = (or less than) Capacity

### Inspections & Maintenance

Before using the cart for the first time, make a written record of its appearance. Include observations about the casters, shelves, frame, and welds. Pay particular attention to the step assembly. When weight is applied to a step, the entire assembly should slide downward bringing both rubber feet into firm contact with the ground. Include observations about the springs as the step assembly moves. This record establishes “normal condition”. During future inspections, compare the cart to the written record to determine if it is in normal condition. DO NOT use the cart unless it is in normal condition.

At least once per month inspect the following:

- 1.) Frame and shelves – Look for damage and deformation, severe corrosion, etc. Check all welds for cracks. Push the unloaded cart and listen for unusual noises and movement. Clean the shelves and steps. Absorb water and other liquids.
- 2.) Step assembly – Confirm that the steps and springs operate normally. Both rubber feet should firmly contact the ground and the steps should slide up-and-down easily when weight is applied to them.
- 3.) Hardware – check all caster hardware/fasteners and spring pins. Tighten all loose fasteners.
- 4.) Labels – confirm that each label is in place and in good condition (see “Labeling Diagram” below).

### Labeling Diagram

Your cart should always be labeled as shown in the diagram. Replace any label that is missing, damaged or not easily readable, e.g. faded.



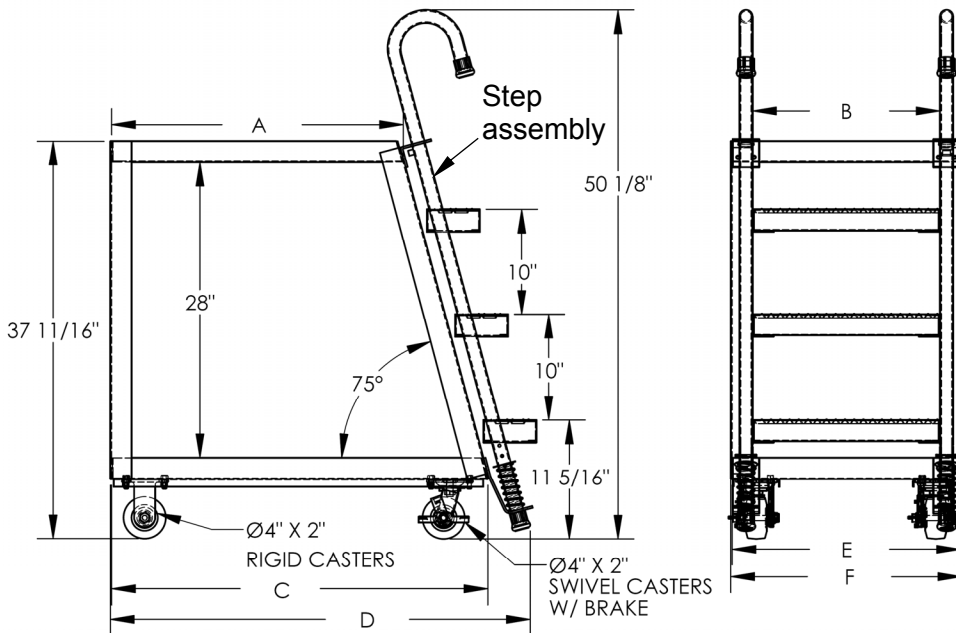
A: Label 446

MODEL/MODÉLO/MODELE	SERIAL/SERIE/SÉRIE
CAPACITY PER SHELF/CAPACIDAD DEL ES-TANTE/CAPACITÉ D'ÉTAGERE	TOTAL CAPACITY/TOTAL CAPACIDAD/TOTALE CAPACITÉ
446	

B: Label 608

<b>▲ WARNING</b>	<b>▲ ADVERTENCIA</b>
DO NOT load beyond rated capacity PLACE heavier items on bottom shelf if applicable DISTRIBUTE load evenly. DO NOT sit or ride on cart SECURE stable load before moving	No cargue MAS de la capacidad tasada Ponga los objetos mas pesados en la estanteria de abajo DISTRIBUYA LA CARGA A NIVEL. NO SE SIENTE o vaya en el carro ASEGURE la carga antes de mover
608 <small>rev 0911</small>	

### Specifications



Capacity per shelf:  
550 lb. (250kg)

Step assembly capacity:  
350 lb. (159kg)

MODEL	A	B	C	D	E	F	TOTAL CAPACITY	WEIGHT
SPS2-2236	27 <sup>5</sup> / <sub>8</sub> "	17 <sup>3</sup> / <sub>4</sub> "	35 <sup>5</sup> / <sub>8</sub> "	39 <sup>3</sup> / <sub>4</sub> "	21 <sup>5</sup> / <sub>8</sub> "	21 <sup>7</sup> / <sub>8</sub> "	1000 lb. 455kg	117 lb. 53kg
SPS2-2840	31 <sup>5</sup> / <sub>8</sub> "	23 <sup>3</sup> / <sub>4</sub> "	39 <sup>5</sup> / <sub>8</sub> "	43 <sup>3</sup> / <sub>4</sub> "	27 <sup>5</sup> / <sub>8</sub> "	27 <sup>7</sup> / <sub>8</sub> "	1000 lb. 455kg	137 lb. 62kg
SPS2-2848	39 <sup>5</sup> / <sub>8</sub> "	23 <sup>3</sup> / <sub>4</sub> "	47 <sup>5</sup> / <sub>8</sub> "	51 <sup>3</sup> / <sub>4</sub> "	27 <sup>5</sup> / <sub>8</sub> "	27 <sup>7</sup> / <sub>8</sub> "	1000 lb. 455kg	149 lb. 68kg

## 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  
info@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 dynamic components is 1 year. For wearing parts, the warranty period is 90 days. The warranty periods begin on the date when 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 the warranty periods 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.

