



MaterialHandling.com

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SPTT-Series Hoppers

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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Safety Principles

This manual uses SIGNAL WORDS to direct the reader's attention to statements about uses of the product that could result in personal injury or property damage. Each signal word correlates with a specific level of seriousness.



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 hopper.

Safety Recommendations:

Study the entire manual before using the product for the first time. Read the manual when necessary to refresh your understanding of the use, inspection and maintenance instructions. If questions remain after you finish reading this manual, ask your supervisor or employer for assistance. **DO NOT** attempt to resolve any problem with the hopper unless you are authorized to do so and are certain that it will be safe to use afterwards.



Material handling is dangerous. *Failure to read and understand the instructions included in this manual before using or servicing the hopper constitutes misuse.* Improper or careless operation might result in serious personal injuries. Reduce the likelihood of injury by applying the following:

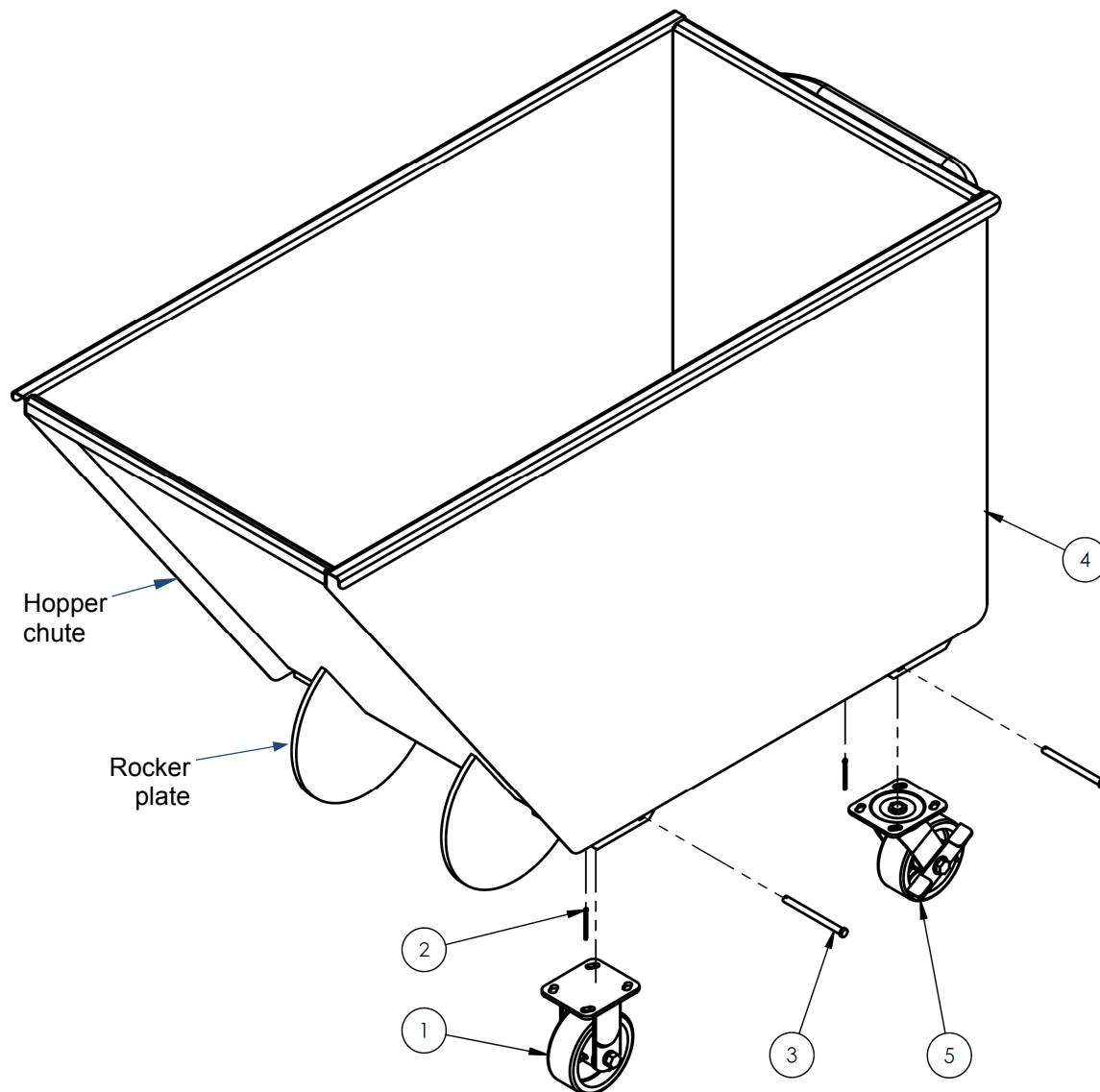
- **DO NOT** use a malfunctioning or structurally damaged hopper. Inspect the hopper according to the inspection instructions on p. 4. **DO NOT** use the hopper unless it passes *every* part of the inspection.
- **DO NOT** ride on or in the hopper.
- **DO NOT** use the hopper if any product label—besides label 419-- is unreadable, damaged, or missing (see "Labeling diagram" on p. 5). Contact Vestil to order replacement labels.
- **DO NOT** modify the hopper in any way! Modifying the hopper automatically voids the limited warranty **AND** might make the hopper unsafe to use.
- **DO NOT** dump the hopper **UNLESS** all people clear the vicinity.
- Only dump the hopper while on a level surface.

Product Specifications

Dimensions and other product specifications appear in the following table:

Model	Volume in Cubic Yards	Volume in cubic feet	Uniform Maximum Rated Load	Overall Dimensions (W x D x H)	Net Weight
SPTT-05	2/3 yd ³	18 ft ³	1,000	26¼ in. x 56½ in. x 36 in.	160 lb. (72.7kg)
SPTT-10	1 yd ³	27 ft ³	1,500	38¼ in. x 56½ in. x 36 in.	200 lb. (90.9kg)
SPTT-15	1½ yd ³	40 ft ³	2,000	38½ in. x 63 in. 46 in.	270 lb. (122.7kg)

Exploded parts diagram and bill of materials



Item	Part no.	Description	Quantity
1	16-132-022	PU-5/2-R, rigid caster	2
2	65080	$\frac{1}{8}$ in. x 2 in. cotter pin	4
3	99-112-006	Clevis pin	4
4	37-545-062	Chute weldment:	1
	37-545-061	SPTT-05 and Leak Proof Model	1
		SPTT-10	
5	16-132-053	5in. x 2in. poly-on-steel caster with brake	2

NOTICE DO NOT put corrosive substances in the hopper. Corrosion will damage/weaken the metal. For instance, do not allow water to accumulate in the hopper because rust will develop anywhere the powder coat is damaged.

Loading & Use Instructions:

This steel dumping hopper is suitable for use indoors and outdoors and in most industrial and commercial settings. However, the hopper should be stored indoors to prevent rusting and corrosion.

Do not exceed the maximum rated load of your hopper (see p. 2 and label 287 in "Label placement diagram" on p. 7) or heap material above the sides of the hopper. Personal injury or permanent damage to the hopper could result from overloading.

Move the hopper to the desired dump site and orient the hopper so that the chute is positioned appropriately. Lift the end of the hopper by the handles. As you raise the end of the hopper, the rocker plates contact the ground. The front of the hopper pivots about the rocker plates until the front of the chute rests on the ground. Clean out any material that remains in the hopper.

Inspections & Maintenance:

Regular inspections and maintenance are necessary for the hopper to remain in normal condition for as long as possible. After receiving the unit and before using it for the first time, create a written record that describes the appearance of each component: chute, handles, rocker plates, casters, and pins. Dump the empty hopper. Record your observations about how the unit looks and sounds as the chute rotates. This written record establishes "normal condition". When conducting future inspections compare those observations with the written record to determine whether a component is in normal condition or requires repair or replacement. If issues are discovered during an inspection, DO NOT use the hopper or return it to regular service until it is restored to normal operating condition.

Inspections:

Inspect the following components at least once per month and replace any component that is excessively worn or no longer operates normally. If a component cannot be replaced, remove the hopper from service:

- 1) Hopper chute – examine the hopper for damage, deformation, and corroded or excessively rusted regions;
- 2) Rocker plates – look for excessive wear, warping, or other significant damage. The rocker plates should be symmetrical to allow the hopper to pivot evenly and smoothly.
- 3) Casters – check for looseness, excessive wear, or damage to the casters, caster bearings, mounting brackets on the underside of the hopper, and retaining hardware.
- 4) Labels – all labels must be firmly affixed in the locations shown on p. 7.

Maintenance:

Implement a maintenance program to ensure that the product functions properly and is adequately maintained. The following steps should be applied to complement established maintenance programs.

Step 1: Tag the hopper, "Out of Service."

Step 2: Inspect the unit as described above. If deformity, corrosion, rusting, or excessive wear of structural members is found, DO NOT continue to use the product.

Step 3: Perform all necessary adjustments, replacements, and repairs.



DO NOT modify the hopper in any way without first obtaining written approval from Vestil. Modifications automatically void the Limited Warranty and might make the hopper unsafe to use. A "modification" is a change that alters the hopper from original condition, like bending a structural member or removing a component.

Step 4: Make a dated record of all repairs made to the hopper.

Labeling diagram

Your steel dumping hopper should be labeled as shown below.

NOTE: Label 419 is only relevant for newly delivered hoppers. It conveys no safety-related information and does not need to be replaced.



A: Label 658

WARNING	ADVERTENCIA	AVERTISSEMENT
Do not operate or move with unstable loads DO NOT LOAD beyond rated capacity DISTRIBUTE LOAD EVENLY DO NOT sit or ride	No use a mueva con cargas inestables No cargue mas de la capacidad tasada DISTRIBUYA LA CARGA A NIVEL NO SE SIENTE o vaya en el carro	Ne pas utiliser avec une charge instable NE PAS CHARGER au-delà du débit nominale DISTRIBUER la charge régulièrement NE PAS VOUS ASSEoir OU VOUS PROMENER sur le chariot
		658 rev 0808

B: Label 287 covered with laminate 770

MODEL/MODÉLO/MODÈLE _____
STATIC CAPACITY (evenly distributed) _____ lbs.
LA CAPACIDAD CONSTANTE (distribuida uniformemente) _____ kgs.
CAPACITÉ STATIQUE (distribuée régulièrement) _____ kgs.
SERIAL/SERIE/SÉRIE _____
287 REV 0812

C: Label 268



D: Label 419

BEFORE ACCEPTING DELIVERY INSPECT each package RECORD any damage on Bill of Lading VERIFY number of packages SHIPPER is NOT RESPONSIBLE for any DAMAGE or SHORTAGES unless indicated on the Bill of Lading. 419 rev 0811

E: Label 212

WARNING	ADVERTENCIA	AVERTISSEMENT
LOCK CASTER and/or FLOOR LOCK when loading and unloading	La RUEDECILLA de la CERRADURA y/o el PISO CIERRAN al cargar y descargar	LOCK CASTER et/ou SOL LOCK lors du chargement et de déchargement
		212 Rev 0111

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
sales@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 90 days. For wearing parts, the warranty period is 90 days. Both 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 began when the distributor shipped the product. Vestil may extend the 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?

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 conditions;
 - Inadequate or improper maintenance;
 - Damage sustained during shipping;
 - Accidents involving 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.

