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# CYL-P-X Instruction Manual



[CYL-P-4 shown]

**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.

**Replacement Parts and Technical Assistance**

To order replacement parts, labels, and accessories, 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 for the Parts Department.

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## SIGNAL WORDS

This manual uses SIGNAL WORDS to direct the reader's attention to important safety-related messages. These messages describe uses of the product that could result in personal injury or property damage. Each signal word corresponds to a specific hazard level. The following are definitions of signal words that might appear 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.**



Identifies practices likely to result in product/property damage, such as operation that might damage the product.

## SAFETY INSTRUCTIONS

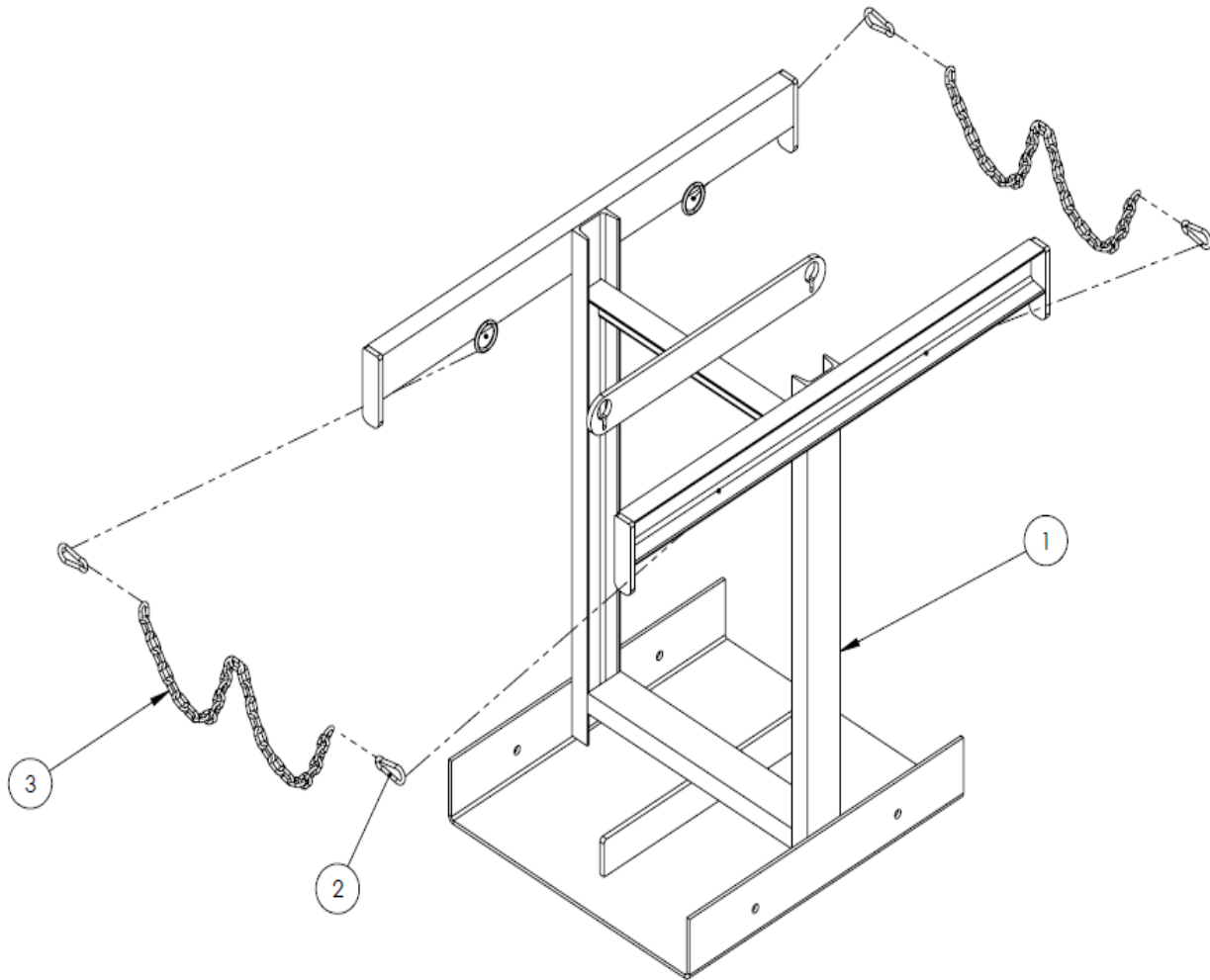
Vestil strives to identify all foreseeable hazards associated with the use of its products. However, material handling is dangerous and no manual can address every conceivable risk. Ultimately, the most effective way to prevent injury is to apply sound judgment whenever using this device.



Improper or careless use of this product could result in death or serious personal injuries.

- **Read and understand the entire manual before using, inspecting, or servicing the cylinder caddy.** DO NOT use this device until you read and understand the entire instruction manual. Read the manual to refresh your understanding of proper use and maintenance procedures.
- This device is designed to hold compressed gas cylinders. DO NOT move it with an overhead lifter, e.g. hoist. DO NOT pull, drag, or slide the caddy regardless of whether it is loaded or unloaded.
- DO NOT modify the product in any way UNLESS you first obtain written approval from Vestil. Unapproved modifications automatically void the **LIMITED WARRANTY** on p. 6 and might make the product unsafe to use.
- DO NOT remove or obscure labels applied to the unit. DO NOT use this device UNLESS all labeling is readable and undamaged. See **LABELING DIAGRAM** on p. 5.
- Inspect the product at least once per month. Inspect it immediately before moving it, i.e. with a fork truck. Apply the inspections procedures provided in **INSPECTIONS AND MAINTENANCE** on p. 5.
- DO NOT use this caddy if it is damaged, malfunctioning, or missing parts.
- Only use the caddy on even, level ground.
- DO NOT exceed the rated load/capacity of your caddy. Capacity figures are provided on product labeling. See **LABELING DIAGRAM** on p. 5.
- Only use the caddy to hold properly-sized gas cylinders. The side wall of each cylinder must contact both crossbars (upper and lower). Always reapply the chains when loading or unloading is complete.
- Distribute loads evenly on the caddy.
- Carefully raise and lower the caddy, especially cylinders are present.
- Drive carefully when transporting the caddy. DO NOT stop suddenly because the caddy might slide off of the forks. For the same reason, DO NOT turn quickly.
- DO NOT lift the caddy any higher than necessary when moving it. Keep it as close to the ground as possible. Avoid obstructions while moving the caddy.
- Stay clear of the caddy while it is elevated.
- NEVER lift people with the caddy or lift the caddy over people. DO NOT climb on the caddy or ride on it while it is being moved.
- DO NOT leave the caddy unattended while it is elevated.

## CYL-P-X EXPLODED VIEW AND BILL OF MATERIALS



ITEM NO.	PART NO.	DESCRIPTION	QTY.
<b>1</b>	33-514-122	FRAME WELDMENT CYL-P-4	1
	33-514-108	CYL-P-6	1
	33-514-106	CYL-P-8	1
<b>2</b>	08-145-008	1/4" SNAP HOOK	4
<b>3</b>	08-145-031	CHAIN 3/16" X 30" (CYL-P-4)	2
	99-145-025	3/16" X 36" (CYL-P-6)	2
	08-145-030	3/16" X 42" (CYL-P-8)	2

## NATIONAL STANDARDS

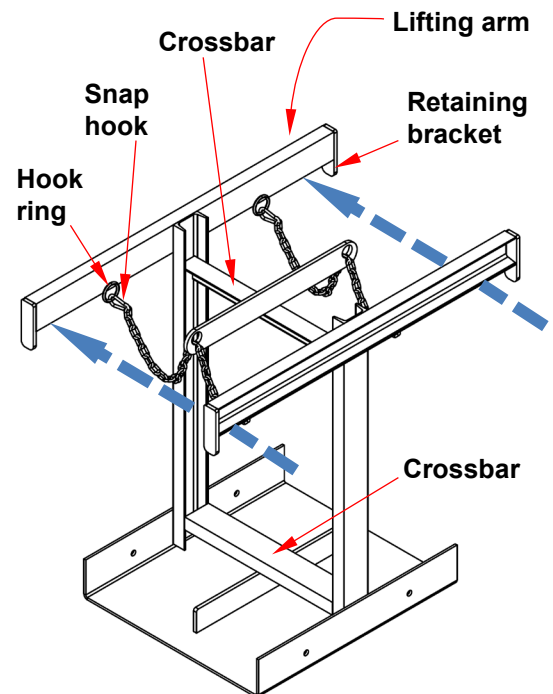
This product is a caddy for cylinders of compressed gases. It facilitates movement of heavy cylinders via lift truck. You **should** consult with local occupational safety and health specialists to determine whether there are laws, ordinances, codes, etc. (“authorities”) that apply to cylinder caddies in the location where it is used. If content in this manual conflicts with recommendations or mandatory provision(s) in applicable authorities, apply the provision(s) from the authorities. Vestil encourages you to immediately contact **TECHNICAL SERVICE** if you discover any conflicts.

## USING THE CADDY

NOTE: Numbers in parenthesis ( ) correspond to item numbers in the **EXPLODED VIEW** on p. 3.

The caddy has bays for cylinders. Put 1 cylinder in each bay. Bays can accommodate cylinders up to 9<sup>1</sup>/<sub>2</sub>” (24cm) in diameter. Each cylinder must be tall enough that its side wall touches both crossbars when loaded on the caddy. To use the caddy to move cylinders, apply the following steps:

1. Move chains out of the way by disconnecting one of their snap hooks (2) from the frame.
2. Load cylinders onto the caddy: 1 cylinder per bay. Make sure that each cylinder rests firmly against the top and bottom crossbars. Distribute cylinders evenly on each side of the caddy.
3. Reattach the snap hooks to the frame.
4. The lifting arms have retaining brackets at both ends. Adjust the positions of the forks on the fork carriage so that the forks will fit between the retaining brackets and the hook rings (dashed arrows in diagram).
5. Mount the caddy on the forks of your lift truck. Slowly and carefully raise the caddy off of the ground. Only raise the caddy as high as necessary.
6. Keep an eye on the caddy and cylinders while moving them. Do not leave the caddy elevated. Always land the caddy and dismount it from the lift truck before leaving it.
7. Set the caddy on even, level ground. Make sure that the caddy is stable by lowering the forks a few inches below the lifting arms. If the caddy is unstable, reposition it.
8. Unload the cylinders.



## RECORD OF SATISFACTORY CONDITION

Record the condition of the caddy before putting it into regular service. Thoroughly photograph the unit from multiple angles. Include close range photos of all labeling, the base plate (floor), snap hooks and hook rings (snap hook attachment points), and all welds. Write a description of the overall condition of the caddy. Collate the photographs and writings into a single file. Mark the file appropriately to identify it. This record is documentation of the caddy in satisfactory condition. Compare the results of all inspections to this **RECORD** to determine whether the unit is in satisfactory condition. If the caddy is not in satisfactory condition, repair it before returning it to service. Purely cosmetic changes, like damaged paint/powdercoat, do not constitute changes from satisfactory condition. However, touchup paint should be applied to all affected areas as soon as cosmetic damage occurs to prevent rusting and corrosion. If left unaddressed, rusting/corrosion will degrade the condition of the caddy and could make it unsafe to use.

## LOAD TESTS

After creating a **RECORD OF SATISFACTORY CONDITION** and before using the caddy for the first time, a qualified person should conduct a load test. The test load should be 125% of the rated load, i.e. 1000 pounds (454.5kg). Lift the caddy a few inches above the ground. After a couple minutes, return it to the ground and unload it. Perform a **Monthly Inspection** as described in **INSPECTIONS AND MAINTENANCE** (below). The caddy must undergo load testing whenever it is repaired.

## INSPECTIONS AND MAINTENANCE

**NOTICE** Regular inspections and maintenance are essential. Always inspect and maintain this product in accordance with the instructions in this manual.

Inspections and repairs should be performed by qualified persons. Compare the results of each inspection to the **RECORD OF SATISFACTORY CONDITION**. Do not use the caddy unless all parts are in satisfactory condition. Replace all parts that are not in satisfactory condition before using the caddy again. Only use manufacturer-approved replacement parts to restore the caddy to satisfactory condition. **DON'T GUESS! If you have any questions about the condition of your caddy, contact the TECHNICAL SERVICE department.** The phone number is provided on the cover page of this manual. Never make temporary repairs of damaged or missing parts.

### Every lift

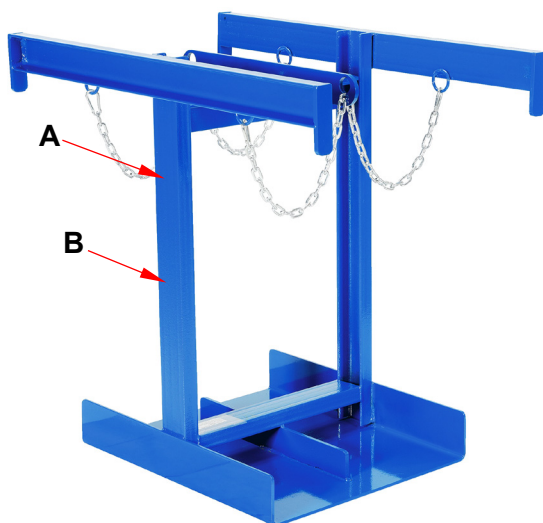
The operator of the caddy must inspect the caddy and cylinder surfaces before every lift. Check the caddy and all cylinders for dirt or other surface debris. Clean the surfaces.

**Monthly Inspections** – At least once per month a qualified person must perform the following inspections. Written reports should be prepared for every monthly inspection including inspections following **LOAD TESTS**.

- 1. Frame elements:** Examine all frame elements for deformation, cracks, excessive wear, corrosion/rusting, and metal fatigue. Pay particular attention to the base plate. Examine the whole structure for severe rusting/metal erosion, rot, thinned regions. If rusting is purely superficial, remove it with a steel bristle brush or steel wool. Clean the affected area and apply touchup paint. If rusting, rot, or thinning has weakened the material, contact **TECHNICAL SERVICE** for advice.
- 2. Snap hooks and chains:** Examine the chains and snap hooks. Hooks should not be bent, cracked, twisted, or otherwise deformed. Latches should automatically close. Chain links should not be damaged, e.g. bent, cracked, or stretched.
- 3. Labels:** Check all labels. Labels are shown in the **LABELING DIAGRAM** (below). Replace labels that are missing, damaged, or not easily readable.

## LABELING DIAGRAM

The unit should be labeled as shown in the diagram. However, label content and location are subject to change so your product might not be labeled exactly as shown. 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, request replacement parts and/or service by calling (260) 665-7586 and asking the operator to connect you to the Parts Department.



### A: Label 287

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

### B: Label 821

<b>SAFETY FIRST</b>	<b>SEGURIDAD PRIMERO</b>
Read owners manual and all labels before using.	Lea el manual del propietario y todas las etiquetas antes del uso.

821



## 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.