



# ORGANICS

Collection by  WITTE

 **labrie**  
Labrie **Enviroquip** Group

**CNG**

**CNG READY  
SINCE 2001**



# ORGANICS COLLECTION

## SAFE, SIMPLE, OPTIMUM



2015 Wittke PCO-cv



2015 Labrie Alleygator PRO-cv



## DEDICATED TO MAKING YOUR ORGANICS COLLECTION ROUTE SAFE AND EASY

Residential and Commercial Organics Collection continues to gain momentum and has become the newest challenge for the industry as communities and their leaders strive to both reduce and repurpose this valuable waste stream. With a growing number of cities dedicated to minimizing expenses and maximizing the use of landfills, we are presented with the challenge of collecting and recycling food scraps as well as other organic waste. Separate Organics collection presents a unique set of challenges and opportunities. For instance, Rear loaders and even standard side loaders have shown their limitations in collecting and handling organics with an even greater challenge in handling and containing the slurry within the body. Labrie, as the innovator of new designs in the waste collection industry has met that challenge with our seamless Organics collection solutions for both Residential and Commercial applications. The PRO-cv (Pendulum Residential Organics Collection Vehicle) and the PCO-cv (Pendulum Commercial Organics Collection Vehicle) are both specifically designed for Organics but can just as easily handle MSW (Municipal Solid Waste) collection.

Labrie has always been known for its innovative designs and thoroughly engineered trucks. Adding the PRO-cv and the PCO-cv to the family was a natural fit. Our decades of experience in waste collection vehicles coupled with our first class engineering team allows us to offer our newest designs for safest most efficient collection of residential and commercial Organics.

The PCO-cv is perfectly suited for commercial organics/food waste collection and can collect 3-6 cu. Yd. containers or two 96 gallon carts at the same time. With its 10,000 lbs lifting capacity, the PCO-cv is able to handle the heaviest food waste containers found in restaurants, on school campus' and in residential complexes, with ease. Its leak tight body and full tailgate seal will keep your route clean and your customers happy. Equipped with our patented Pendulum packer, the PCO-cv will tackle the heaviest of commercial food waste routes safely and easily.

The PRO-cv offers a wide range of lifting devices designed to optimize your manual, semi-automated or fully automated collection on residential routes. With a leak proof body and equipped with a patented Pendulum packing mechanism, it is the most versatile truck on the market today. The PRO-cv is also well suited for waste and recycling collection as well as MSW. The compact body design allows for the shortest wheelbase in the industry, making maneuvering this full size truck in tight alleys a breeze.



# ORGANICS

Collection by  **WITTKE**

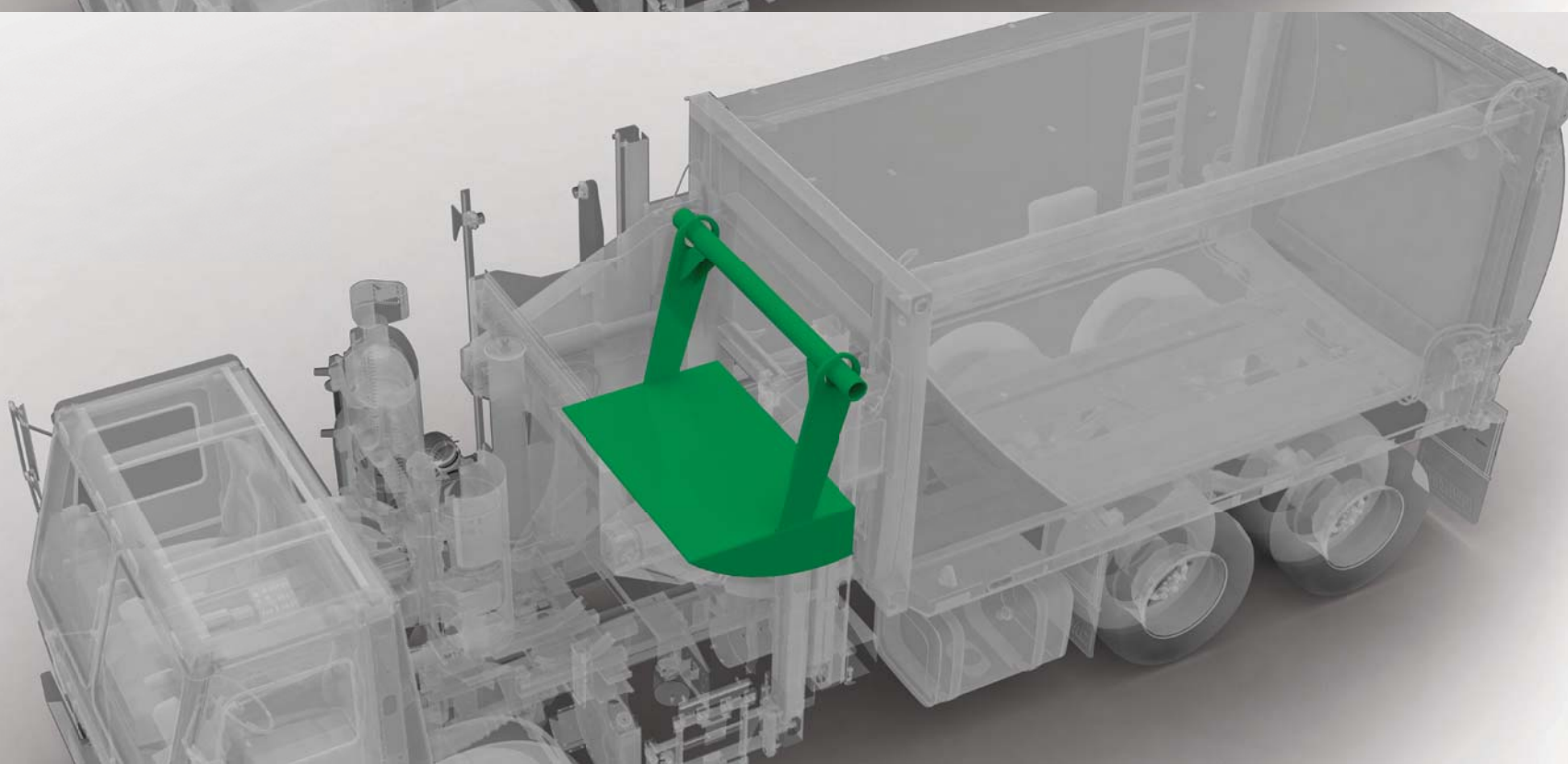
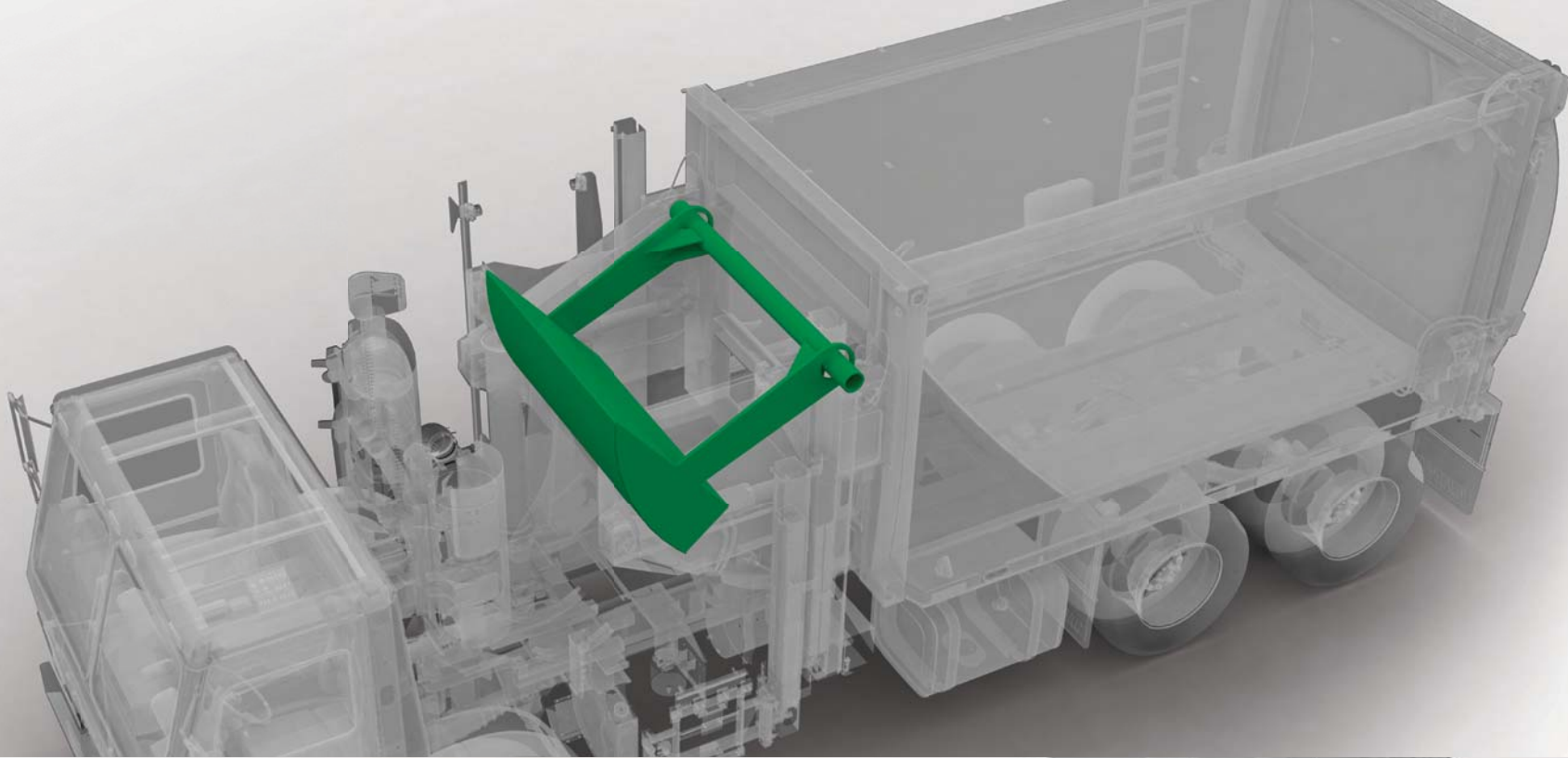


# THE PENDULUM PACKER; A PERFECT MATCH FOR ORGANICS

The PRO-cv and the PCO-cv are both equipped with the best and safest packing system for organics along with a leak free hopper and body. Our unique patented Pendulum Packer is a fixed position packing system situated between the hopper and the body that has no rails, no blade and no clean-out door. The Pendulum Packer runs continuously and quietly as the truck is in operation and the collected materials are deposited into the hopper directly on top of the packing mechanism while in continuous motion. Perfect for wet Organics, the hopper is "self-cleaning", eliminating trash "build up" behind the blade (like other packer mechanisms that operate on rails). **Safe. Simple. Efficient.**

The Pendulum packer single stage packing cylinders are safely located outside the hopper, protected from debris and contamination. Outside the hopper cylinders and hydraulics provides the operator with safe and easy access for checking or maintaining the vehicle.







**DEDICATED TO MAKING YOUR ORGANICS ROUTE  
AS SAFE AND EASY**



**60 INCHES  
LEAK PROOF BODY  
60" FROM THE FLOOR**

**LIGHTWEIGHT  
BODY**



Residential organics collection requires versatility for various cart styles and sizes as well as, curbside bags. The PRO-cv can be configured to perfectly adapt to any type of collection whether manual, semi-automated, fully automated or two sided and is equally versatile for the collection of MSW and recycling collection .

#### **MANUAL COLLECTION**

Often preferred for contamination control, our 3.3 cu yd bucket (with zero kickout) allows multiple stops before dumping into the hopper ; increasing the productivity of manual collection.

#### **SEMI-AUTOMATED COLLECTION**

Both left hand and right hand side tip-pers can be operated simultaneously.

#### **AUTOMATED COLLECTION**

The J-track zero radius arm is perfect for alleys and tight spots. Able to pick up bins others leave behind with its zero kickout lift.

**CONTINUOUS  
PACKING**



**WITTKE**  
**PCO-cv**  
FRONT LOADER



The PCO-cv bears all of the great features and benefits of our Wittke front loader. Built fast and tough; with its smooth lifting arm operation, quick cycle times and auto-latch tailgate, coupled with the following key features makes it the perfect solution for commercial organics collection:

- Liquid tight hopper and body
- Full height tailgate seal
- Packer cylinders located outside the hopper (no contamination)
- Canopy gutters to drive liquids inside the hopper
- Two 64-69 gallons cart tippers installed on the torque tube

Wittke's standard options such as Labrie CNG systems, canopy sweeper, work-at-idle hydraulics, auto-dump, Digiload scale system, washout tank and toolbox are also available on the PCO-cv front loader

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**60-97 DGE**  
**CNG READY**

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**10 000 LBS**  
**LIFTING CAPACITY**

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**14 SEC.**  
**LIFTING CYCLE**





### **PENDULUM PACKER CYLINDER ACCESS**

Located outside the hopper, the single stage packer cylinders are protected from debris and contamination and easy to access. No need to climb into the confined hopper space to remove, repair, and/or replace hydraulic cylinders and components.

### **SELF-CLEANING HOPPER**

Collected materials drop into the body in two steps after being deposited into the hopper:

- First step: 4.6" from the hopper to the flat portion of the body floor;
- Second step: 3.7" drop from the flat portion of the body floor to the sump section.

Gravity prevents the leachate from migrating back into the hopper while the Organics remains deposited in the body.



# **ORGANICS**

Collection by  **WITTKE**





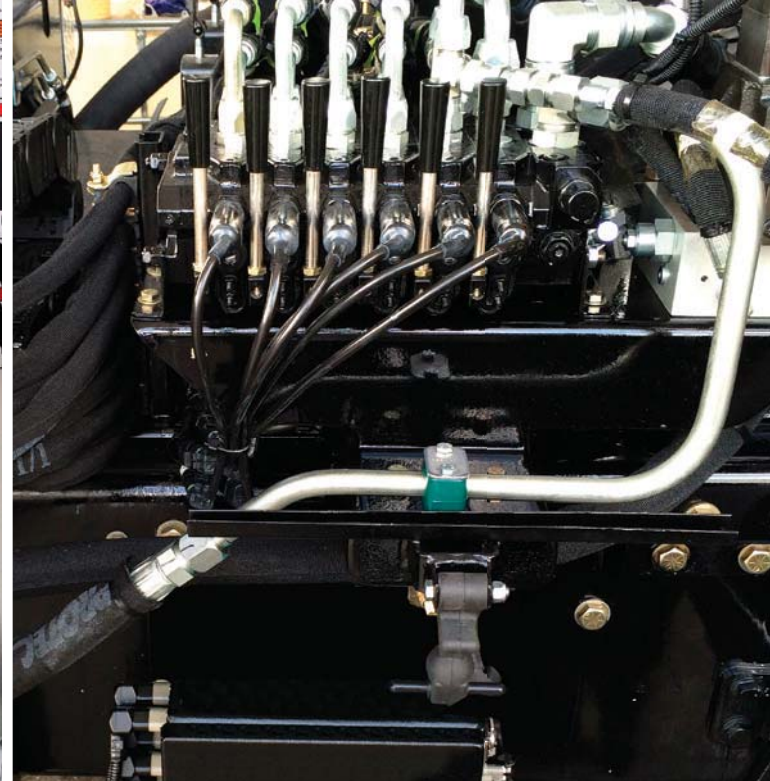
## HYDRAULIC LIFTER

The hydraulic lifter can handle 32gals - 96gals carts and is equipped with a 3.3 cu. ft. steel bucket for manual collection. The zero kick out arm on curbside makes fully automated collection a breeze with the proportional joystick controls inside the cab.



## POSITIVE TAILGATE LOCKS

The automatic tailgate locks with positive hydraulic action ensure that the seal is always perfectly seated against the body, keeping the leachates inside and up to 60 inches from the body floor.



## HYDRAULIC SYSTEM

State of the art hydraulic systems with load sensing features offer smooth and precise operation of all the lifting mechanisms.

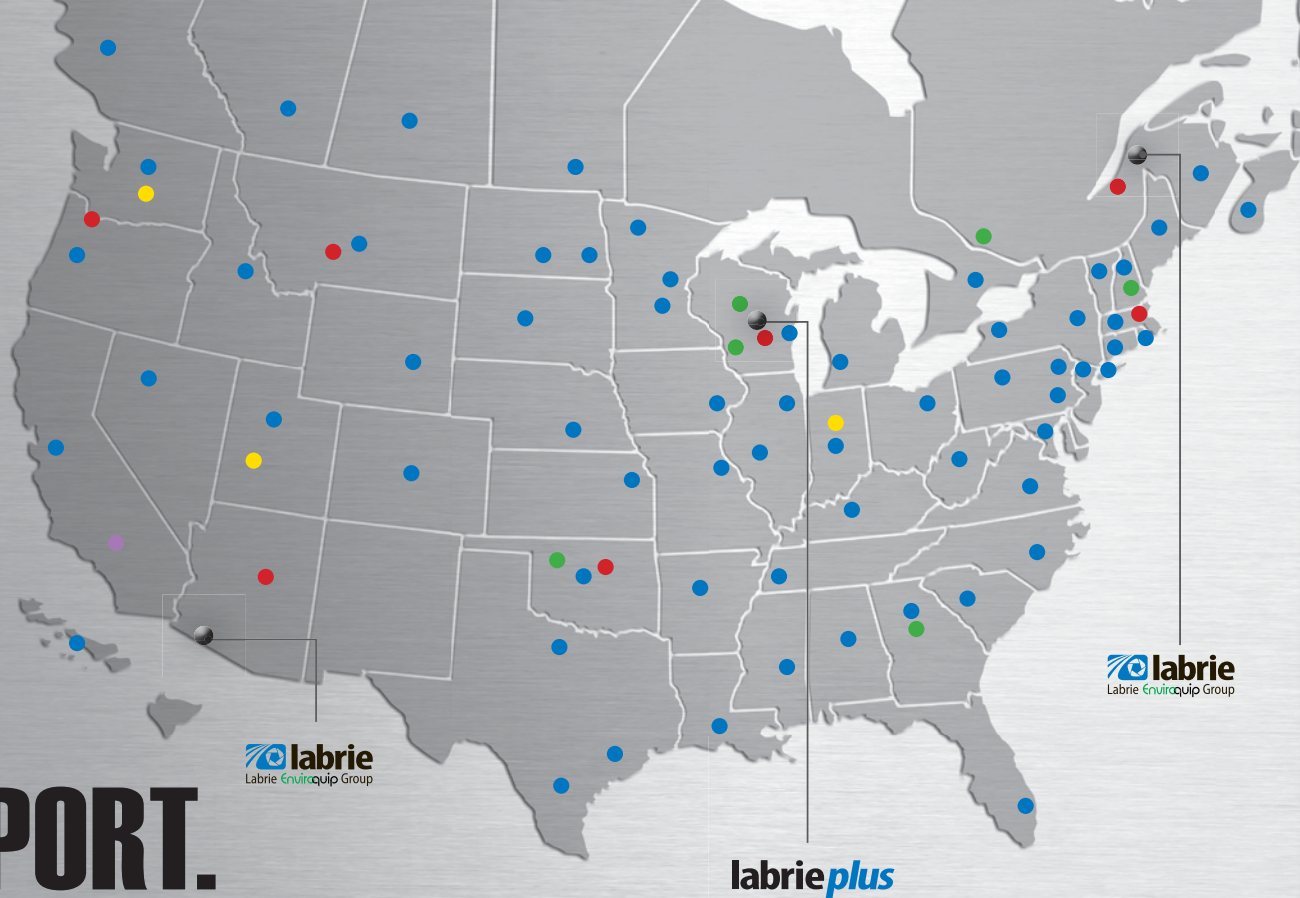


# PREMIUM PRODUCTS COME WITH PREMIUM SUPPORT.

Labrie is committed to delivering the ultimate ownership experience throughout North America. Our pursuit of excellence continues long after a Leach™, Labrie™, or Wittke™ is put into service.

## OUR NORTH AMERICAN NETWORK IS QUALITY DRIVEN:

- **Labriepius 24/7 customer support system**, located in Oshkosh, Wisconsin, provides live assistance from a dedicated staff of professional representatives, quality replacement parts and premium hands-on field support to Labrie equipment owners. Peace of mind guaranteed.
- **A network of over 45 premium distributors** located throughout the United States and Canada are highly trained to assist you; providing a one-stop-shop for purchases, maintenance and warranty services.



- 1 National Account Manager
- Over 45 Premium Distributors
- 7 Regional Sales Managers
- 6 Field Service Representatives
- 3 Technical Advisors / Demo Operators

Visit [www.labriegrup.com](http://www.labriegrup.com)  
to view our complete premium distributor network

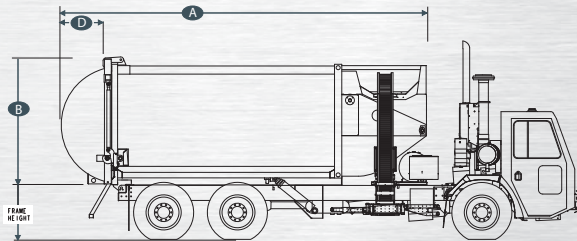


## PRO-cv

### BODY DIMENSIONS

		20 cu.yds.	23 cu.yds.	27 cu.yds.	30 cu.yds.
A	Overall Length	224"	240"	262"	278"
B	Overall Height Above Frame	98 1/4"	98 1/4"	98 1/4"	98 1/4"
C	Body Width	99"	99"	99"	99"
D	Tailgate Length	17 3/16"	37 1/8"	17 3/16"	37 1/8"
E	Packer Height	13 1/2"	13 1/2"	13 1/2"	13 1/2"
F	Packer Width	62 5/8"	62 5/8"	62 5/8"	62 5/8"

\* Not shown on drawing



### BODY SPECIFICATIONS

Body Floor	3/16 ASTM A656 GR. 80
Body Side Walls	10 GA. ASTM 1011 GR. 80
Body Roof	10 GA. ASTM 1011 GR. 80

### HOPPER SPECIFICATIONS

Hopper Floor	5/16" Steel GR. 80 or better
Hopper Sides	5/16" Steel GR. 80 or better

### TAILGATE SPECIFICATIONS

Side and Rear Walls	10 GA. ASTM 1011 GR. 80
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### PACKER SPECIFICATIONS

Packer Face	5/16" Steel GR. 80 or better
Packer Top	1/4" Steel GR. 80 or better

### ARM SPECIFICATIONS

Arm Reach	84"
Arm Lifting Capacity	500 LBS
Arm Cycle Time	8-20 SEC.
Pickup Possibilities	32-96 GAL.

### HYDRAULICS

Pump	DENISON T6CC
Pump Flow Packer	20 GPM @ 700 RPM
Pump Flow Arm	20 GPM @ 700 RPM
Hydraulic Tank	66 US GAL.
System Pressure	2500 PSI

### CYLINDERS

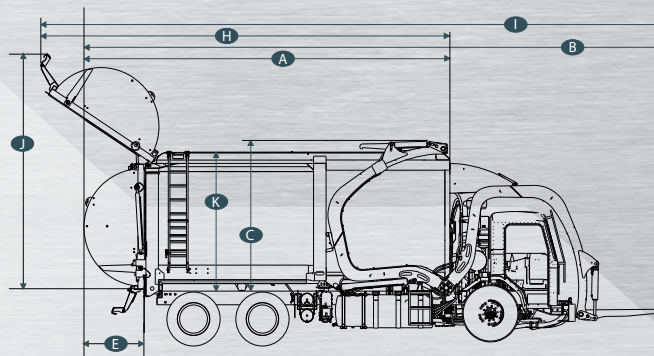
Body Lifting	6 3/8" 4 SECTIONS
Packer	5 x 3 1/2 x 18 1/2
Tailgate	2 1/2 x 1 3/4 x 36
Arm Extension	1 1/2" X 66"
Arm Grabber	1 1/2" X 8 1/4"

## PCO-cv

### BODY DIMENSIONS

		37 cu. yd ( 28.3 cu. m)
A	Overall Length (Arms/Forks Up, Travel Position)	300" (7,620 mm)
B	Overall Length (Arms/Forks Down)	474" (12,040 mm)
C	Overall Height Above Chassis (Arms/Forks Up, Travel Position)	118" (2,997 mm)
D	Overall Width *	36-7/16" (925 mm)
E	Tailgate Length (4 cu. yd.)	100" (2,540mm)
F	Hopper Opening Length *	79-1/4" (2,013 mm)
G	Hopper Opening Width *	349-1/4" (8,871 mm)
H	Overall Length (Tailgate Raised, Arms/Forks Up, Travel Position)	518" (13,517 mm)
I	Overall Length (Tailgate Raised, Arms/Forks Down)	176-13/16" (4,491 mm)
J	Overall Height Above Chassis (Tailgate Raised, Arms/Forks Up, Travel Position)	176-13/16" (4,491mm)
K	Overall Height Above Chassis (Arms/Forks Down)	109-1/2" (2,781 mm)

\* Not shown on drawing



### BODY CONSTRUCTION

	PCO-cv	
Body Walls (Curved One Piece)	1/8" (3.2 mm)	80,000 psi or better
Body Roof (Curved One Piece)	1/8" (3.2 mm)	80,000 psi or better
Body Floor (Curved One Piece)	0,156" (4.0 mm)	80,000 psi or better
Canope	12 GA	50,000 psi
Body Total Capacities (Tailgate & Hopper Included)	37, 39 cu. yd.	

### HOPPER CONSTRUCTION

	PCO-cv	
Hopper Floor (Flat One Piece)	3/16" (4.8 mm)	80,000 psi or better
Hopper Walls (Curved One Piece)	0,156" (4.0 mm)	80,000 psi or better
Top Door	14 GA	50,000 psi

### PACKER CONSTRUCTION

	PCO-cv	
Type	Pendulum	
Face Plate	5/16" (7.9 mm)	80,000 psi or better

### TAILGATE CONSTRUCTION

	PCO-cv	
Curved Face	1/8" (3.2 mm)	80,000 psi or better
Slide-In Rubber Seal Height (Seal on tailgate, Not on Body, No Tailgate Vertical Move Open or Close)	89" (2,260 mm)	STD
Latches	Hydraulic latches on both sides	
Tailgate Capacities	4 & 6 yd <sup>3</sup>	

### ARMS CONSTRUCTION

	PCO-cv	
Steel	1/4" (6.4 mm) & 1/2" (12.7 mm)	100,000 psi
Lifting Capacity	10,000 lbs	

### FORKS CONSTRUCTION

	PCO-cv	
Steel	1-1/2" (38 mm)	100,000 psi

### HYDRAULICS

	PCO-cv	
Operating Pressure	2,500 psi	
STD Pump	Gear Type 54 GPM @ 1500 RPM	
Directional Valve	Parker, 5 Sections with Air Actuator	
Packer Controls	In Cab STD Packer Controls	
Arms/Forks Controls	In Cab STD Twinstick (Joystick optional)	
Hydraulic Tank Capacity	Aluminum, chassis mount, 60 Gallons	
Return Filter	In Tank Return Filter	
Oil Level Gauge	Mounted on Tank	

### CYLINDERS

	PCO-cv	
Packer	5" (127 mm)	
Body Lifting	6-1/2" x 5-1/2" x 4-1/2" x 3-1/2"	
Top Door	2-1/2" Bore	
Forks	3-1/2" Bore	
Arms	4-1/2" Bore	
Tailgate	2-1/2" Bore	

### CYCLE TIMES @ 1500 RPM

	PCO-cv	
Packer	14 sec	
Eject	60 sec	
Arms	11 - 14 sec	
Forks	3 - 5 sec	
Top Door	11 sec	





## LABRIE ENVIROQUIP GROUP

**Labrie Enviroquip Group is one of the largest manufacturer's of refuse and recycling collection vehicles in North America.** Our product lines of Labrie, Leach, and Wittke are renowned to be the most reliable, efficient, productive, and innovative in the solid waste industry today.

Throughout our history, we have been recognized for the design and production of the highest quality vehicles available on the market, while our customers benefit from a single trusted source of engineering expertise. At Labrie we continually push the boundaries of innovation to provide a greener, safer, smarter and more efficient way of waste management and collection.

We are committed to building and delivering the finest refuse collection equipment in the industry to suit all of your collection needs. With the strongest dealer network in the industry (over 45 distribution points across the continent), our stock and demo program, engineering expertise, and the Labrieplus 24/7 customer support center, Labrie delivers the ultimate ownership experience. Labrieplus is Labrie's full service customer support center located in Oshkosh, Wisconsin. Its mission is to provide quality replacement parts and premium hands-on field support to Labrie equipment owners.

Labrieplus is a single source for Labrie, Leach, Wittke, Pendpac and Juggler OEM and selected all makes parts. Labrieplus offers live assistance from a dedicated staff of professional representatives who support relationships between dealers, customers and factories



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