




ORGANICS

Collection by  WITKE

 **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.

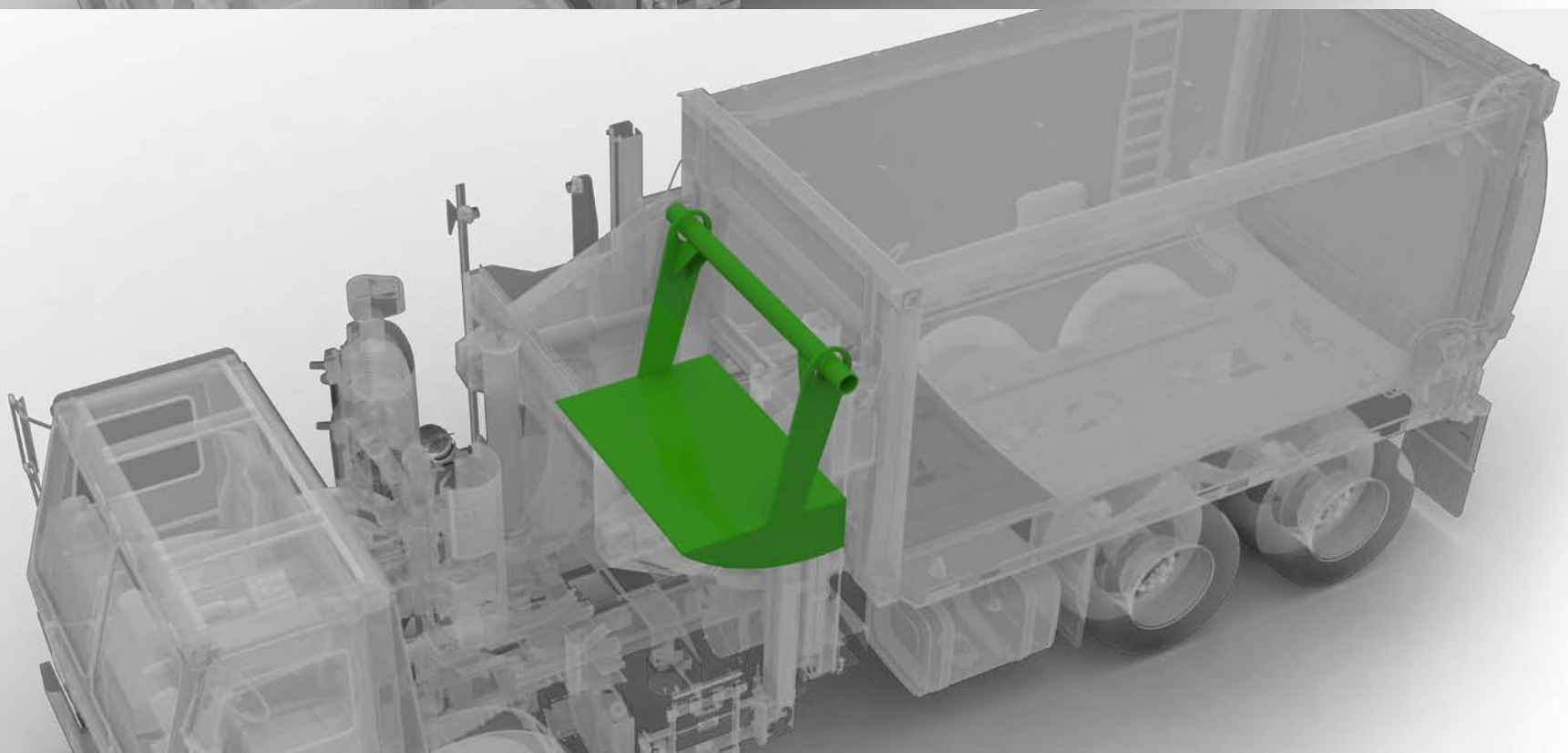
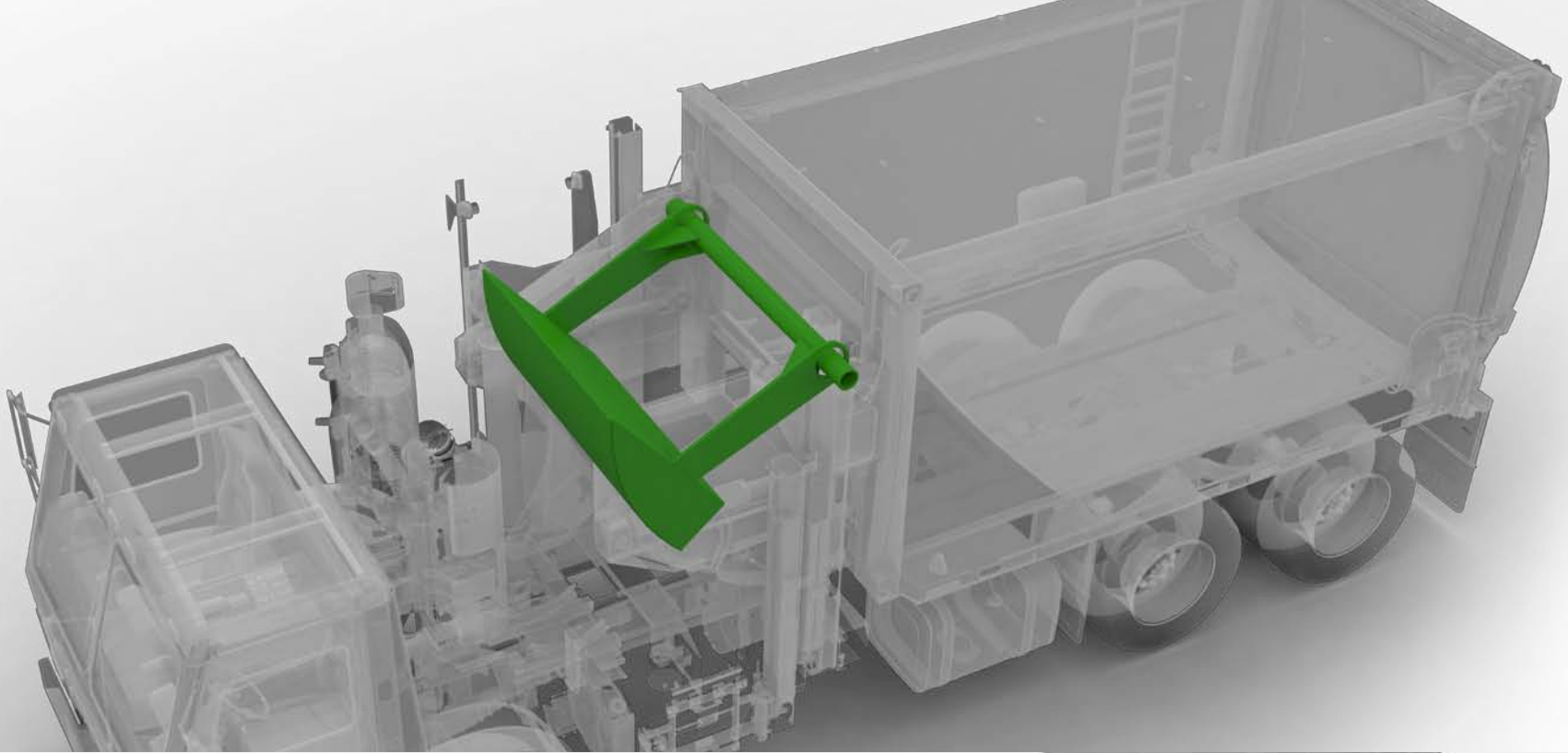
The PRO-cv offers a wide range of lifting devices designed to optimize your manual, semi-automated or fully automated collection on residential routes. With a leak proof body and equipped with a patented Pendulum packing mechanism, it is the most versatile truck on the market today. The PRO-cv is also 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.



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 .

**CONTINUOUS
PACKING**

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.

WITTKE
PCO-cv
FRONT LOADER



60-97 DGE
CNG READY

10 000 LBS
LIFTING CAPACITY

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

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.



Collection by  



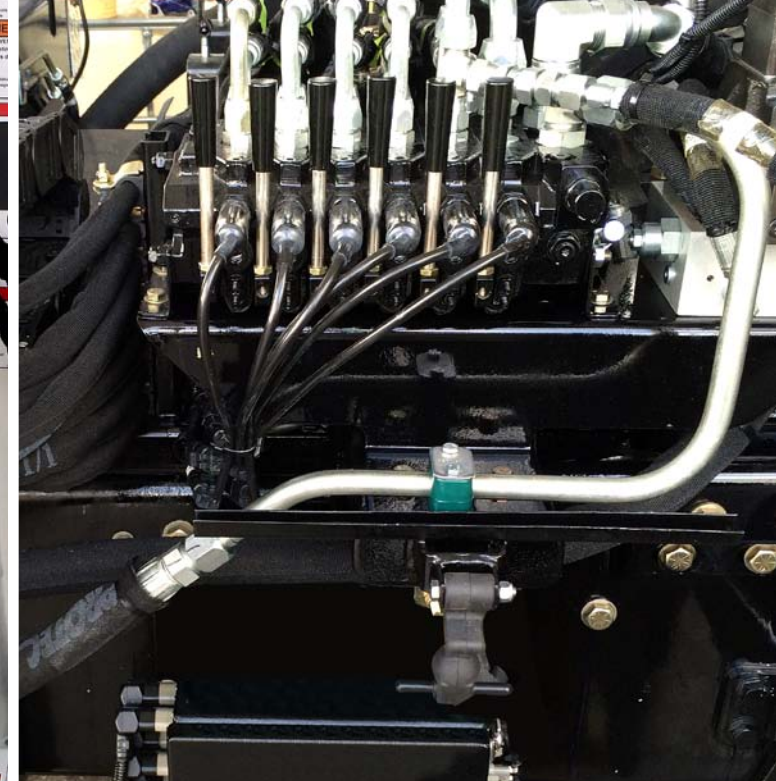
HYDRAULIC LIFTER

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 TALGATE 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:

- **Labrieplus 24/7 customer support system**, provides quality replacement parts, premium hands-on field and live assistance. 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 live assistance from a dedicated staff of professional representatives to support all of our Leach™, Labrie™ and Wittke™ products.


Labrie Enviroquip Group
Ontario, California


Labrie Enviroquip Group
San Luis, Sonora, Mexico


Oshlosh, Wisconsin


LaFayette, Georgia


Labrie Enviroquip Group
Quebec City, Canada

- **Over 60 Premium Distributor Locations**
- **7 Regional Sales Managers**
- **7 Field Service Representatives**
- **2 Technical Advisors / Demo Operators**
- **1 National Account Manager**

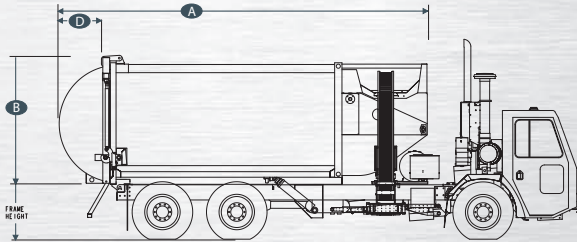
Visit www.labriegrup.com
to view a complete listing of our premium distributor network

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

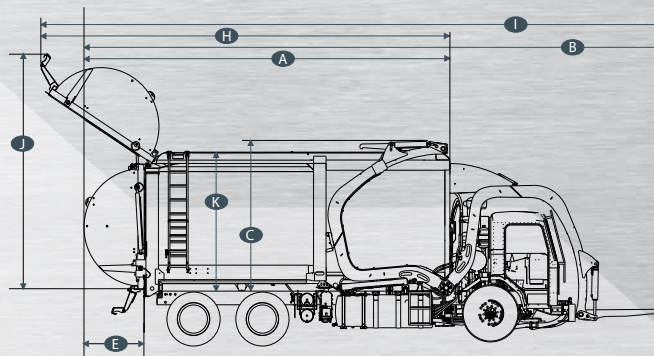
CYLINDERS

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"

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



PCO-cv

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 ³	

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 the U.S. Its mission is to provide quality replacement parts and premium hands-on field support to Labrie equipment owners. Labrieplus is the single source for Labrie, Leach, Wittke and Pendpac OEM and selected all makes of parts.

DRIVE EXCELLENCE

Labrie is certified ISO 9001-2008 and attests to the quality of these products. Labrie has made every reasonable effort to ensure that the information contained in this brochure is accurate. However, we accept no responsibility for any errors or omissions, and we reserve the right to modify designs, characteristics and products at any time. Contact Labrie for prices and options or to obtain the phone number of your local Labrie distributor. For the most recent version of our spec sheets, please go to Labrie website at www.labriegrup.com. In case of discrepancy, the Web version takes precedence over any printed literature.
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