



EXPERT™

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


**CNG READY
SINCE 2001**

INNOVATIVE DESIGN, THOROUGHLY ENGINEERED TRUCKS – SINCE 1985

Labrie was originally founded in 1933, manufacturing heavy hauling equipment. In 1985 the company refocused its core manufacturing on waste collection vehicles as a response to the evolution of the industry. At that time, waste collection was transforming from a completely manual operation to a semi- or fully-automated operation.

Today, Labrie stands as a major leader in the North-American marketplace with more than 12,000 vehicles on the road. Labrie is renowned for designing and manufacturing of high-quality, innovative waste collection vehicles that stand the test of time. The industry recognizes the Labrie brand by its signature seamless bodies, strong arms and as waste collection continues to develop, you can be sure that Labrie will be building the quality products needed to get the job done.

THE EXPERT™ HISTORY

In 1985, Labrie introduced the Labrie 200 which offered the industry unparalleled versatility. In 1995, after several years of production, Labrie combined industry feedback with new technology and launched the Expert 2000™. The Expert 2000™ unitized body and hopper was immediately seen as the market leader in North America, providing the quality and reliability haulers had clamored for in one-man, sideloader productivity.

Shortly thereafter, in 1996, Labrie jumped into automated collection and introduced the Expert Cool-Hand™, followed by, the Expert Helping Hand™ in 1999 and went even further in 2001 by developing the Expert Dual Helping Hand™. Today, Labrie is still

the only manufacturer to offer a double arm automated refuse truck; which can greatly improve collection efficiency in alleys and one-way streets.

Over the years, Labrie has continuously introduced special options, including glass compartments, organic bucket tippers and various split body configurations, with optional single or split hydraulic chutes.

In 2006, Labrie completed redesigned Expert body to meet the demands of an ever evolving industry allowing for friendlier configuration of many options and making the Expert™ even more versatile.



Old Expert with cart tipper



Expert Cool-Hand™



Napa Valley, CA Expert™ fleet

10-FOOT
ARM REACH*

400-LB
ARM LIFTING
CAPACITY,
FULLY EXTENDED

13-SEC
PACKING
CYCLE**

* Long Reach option

** Regen Valve option

FLEXIBILITY- **BECAUSE** **EVERY ROUTE** **IS DIFFERENT**

Labrie is a leader in the drop frame sideloader market. The Expert™ is one of the most versatile waste collection vehicles available in the industry today. We have been performing our own factory drop frame modifications since 1984.

The Expert™ can be used efficiently for manual, semi-automated or fully-automated collection. The hopper can be accessed from both curbside and street side, making collection in alleys and one-way streets quick and productive. With the various configurations and numerous options available, it will be difficult to find an application or solution that we have not already considered!



Handloading "extras" on an automated route



Helping Hand™ arm in dump mode



Fully automated collection, zero grab



Semi-automated cart tipper on street side



MANUAL OR SEMI-AUTOMATED COLLECTION

The Expert™ drop frame configuration is perfect for manual or semi-automated waste or recycling collection and the loading height of only 5.5" above the chassis frame makes this configuration safer, faster and easier to load.

With the shortest wheelbase in the industry, this truck can easily maneuver in some of the tightest spots where other drop frame converters can't. Using a Labrie cab conversion on an International or Freightliner conventional chassis gives you easy access in and out of the cab and a shorter walk from the cab to the hopper. The ergonomic design of this configuration will not only save time but also facilitate the operator's job.



Cab heater / glove dryer



CAB MODIFICATION DESIGNED FOR THE JOB

Labrie modifies its own stand-up drive cabs for both right-hand and left-hand applications. These modifications can be made to International and Freightliner chassis and provide safe and easy "in and out" access from the cab to the street, reducing the operator's walking distance for manual or semi-automated collection.

At Labrie, we believe a comfortable operator is a productive operator. That is why we offer a 12,500-BTU cab heater/glove dryer and heated floor in our right-hand stand-up drive cab conversion.* Any operator would appreciate these details on cold winter days.

**Available as an option*

PROVEN TAPERED BODY

Our years of experience in waste collection have led us to create a proven tapered body design. The rounded and tapered shape of the body sides and roof increases the compaction ratio by retaining the materials at the back of the body. This also makes for a smooth unloading process, even at the highest compaction ratio. Body sides are created from a single sheet of steel; increasing the structural strength and eliminating the need for reinforcement posts (where rust attacks first). Single sheet construction provides a cleaner look and eliminates weld seams (which are prone to cracks and corrosion).

LOW ACCESS TO THE ENCLOSED HOPPER

The loading height on the Expert™ is only 5.5" above the chassis. We believe that keeping the loading height as low as possible will help to keep the operators safe and reduce or prevent injuries. The enclosed hopper ensures that waste won't be blown from the hopper and on to the road and also ensures that water, snow and ice are not allowed to accumulate overnight.

AUTOMATED COLLECTION

WITH LABRIE HELPING HAND™ ARM

Collect from the comfort of the cab, but keep the option to pick up any “extras” left on a residential route.

The Helping Hand™ arm’s pivot point provides zero swing out motion, perfect for dumping in alleys and narrow spaces and can extend up to 10 feet and lift up to 400 pounds when fully extended.

The Helping Hand has been designed to be located inside the hopper, reducing the need to compensate for torsion stress, like larger offset designs. This mounting position allows us to retain the enclosed hopper feature and its associated benefits. The Helping Hand™ is controlled by electric proportional valves for smooth, precise action, and all critical components have been protected from the

harshest conditions. This simple design keeps all of the moving parts low and compact; reducing stress on the arm’s components and protecting the hopper floor with a low dumping height. **Durability and lowest total cost of ownership will be yours with the Expert Helping Hand™.**



BEST HOPPER/COMPACTOR ASSEMBLY IN THE INDUSTRY - BOTTOM LINE

A high-quality product requires durable materials and there is no better way to avoid expensive hopper floor repairs than with Hardox 450 steel. Hardox is 5 times more "abrasive resistant" than mild steel, and the Expert™ is the only "Hardox in my body" certified drop frame sideloader in the industry. The boxed rear of the compactor allows for easier cleaning as well as, a more rigid structure.



LOW MAINTENANCE COST

We put the extra effort into our body construction details so you can keep your maintenance costs at their lowest. We have built the largest sump box possible; increasing the liquid holding capacity and protecting the packer cylinders from the waste leachate. Hydraulic hoses and tubing can be located on either side of the body for easy access and protection.

GRAB PACK EFFICIENCY

Time spent compacting the payload should not interrupt collection. For that reason we have designed a programmable multi-cycle packer with 2 to 8 strokes. This feature automatically compacts the payload after each arm cycle, maximizing productivity and minimizing your actual time on the route.



THE TRUE MEANING OF VERSATILITY

THE DIFFERENT CONFIGURATIONS AVAILABLE
ON AN EXPERT™ WILL STRETCH YOUR IMAGINATION



Body sizes ranging from 15-37 yd³



17 yd³ Expert split body



60/40, 40/60, 70/30, 30/70, 15/85 or 50/50 split bodies with
single or split chute inside the hopper



The Expert Dual Helping Hand™ configuration is an excellent way to increase productivity and efficiency for alleys, dead ends and one-way street collection. This configuration also increases safety by reducing or eliminating the need for "Back-ups", which account for more than 50% of industry related accidents.



Single or dual cart tippers available curbside and/or street side



3 yd³ or 5 yd³ glass compartment for separate **glass collection**



SSO bucket tipper with cart attachment for manual or semi-automated **organic collection**



LABRIE CNG: DELIVERING A CLEANER WAY OF DOING BUSINESS SINCE 2001



With the high volatility of diesel prices, fuel choice has never been more important. At Labrie, we believe in greener, safer, smarter and more efficient waste collection vehicles. This is what we have been designing and building for the past 25 years.

We deliver the highest-quality, factory-installed compressed natural gas (CNG) solutions that are fully tested at our on-site CNG station. Our manufacturing expertise in CNG is passed along to you with every vehicle.

You benefit from a trusted source of expertise when it comes to converting to CNG.

THE BENEFITS OF CHOOSING CNG ARE HUGE:

- **AFFORDABLE** : Substantially reduced fuel costs when compared to diesel
- **CLEAN**: 23% less Greenhouse Gas Emissions compared to diesel fuel
- **FOREIGN FUEL INDEPENDENCE**: 98% of fuel supplied from the U.S. and Canada
- **QUIET**: 10 decibels more quiet than a diesel truck

LABRIE CNG: SIMPLE, RELIABLE AND PRODUCTIVE

- Behind the cab design built to hold 4 or 5 CNG tanks, 66 or 81 DGE
- Low height, integrated body shape, roof mounted design. 4 or 5 tanks, 60 to 75 DGE
- Premium design having low impact on legal payload



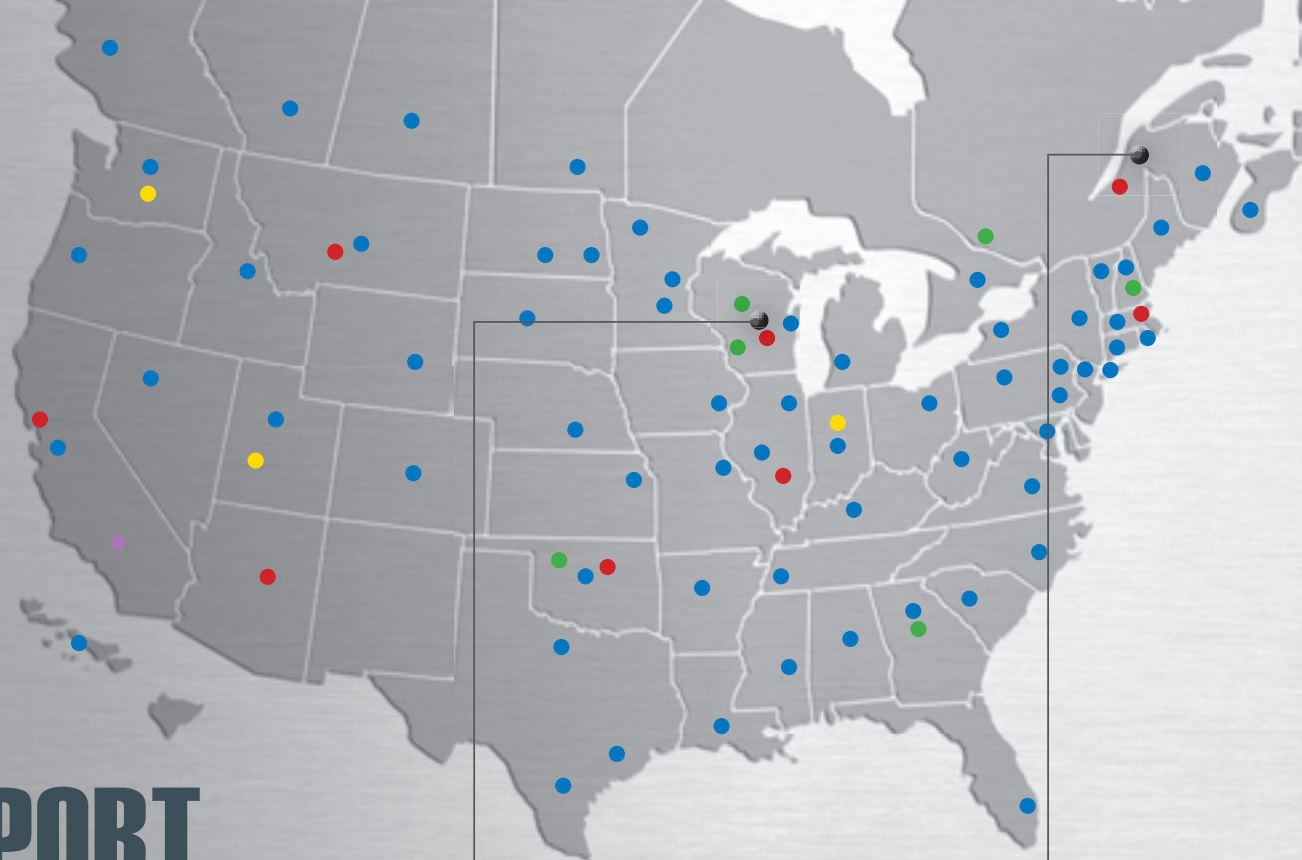
**CNG READY
SINCE 2001**

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™, Wittke™, Pendpac™ or Juggler™ 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.



labriepius

labrie
Labrie Equipment Group

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

Visit www.labriegroup.com
to view our complete premium distributor network

EXPERT™

BODY DIMENSIONS		2 axles 22 yd ³ (17 m ³)	3 axles 31 yd ³ (24 m ³)
A	O.A. length	237 in (6,020 mm)	292 in (7,417 mm)
B	O.A. height above frame	102 in (2,591 mm)	102 in (2,591 mm)
C	O.A. width*	96 in (2,438 mm)	96 in (2,438 mm)
D	Tailgate length	18 in (457 mm)	33 in (838 mm)
E	Loading height above frame	5.5 in (140 mm)	5.5 in (140 mm)
F	Packer stroke	52 in (1,321 mm)	52 in (1,321 mm)
G	Packer height	18 in (457 mm)	18 in (457 mm)
H	Packer width*	72 in (1,829 mm)	72 in (1,829 mm)
I	Packer penetration inside body	12 in (305 mm)	12 in (305 mm)
J	Hopper opening width	71 in (1,803 mm)	71 in (1,803 mm)
K	Hopper opening height	77 in (1,956 mm)	77 in (1,956 mm)
L	Dumping angle, body*	45°	45°
M	Angle of slope, raised*	24°	24°
N	O.A. length, tailgate raised, body down	292 in (7,417 mm)	332 in (8,433 mm)
O	O.A. height tailgate raised, body down, above frame	195 in (4,953 mm)	195 in (4,953 mm)
P	O.A. length, dumping position	406 in (10,312 mm)	446 in (11,328 mm)
Q	O.A. height, dumping position, above frame	201 in (5,105 mm)	228 in (5,791 mm)

*Not shown on drawing

BODY SPECIFICATIONS

Body floor	3/16" steel CSA G40.21 50W
Body bottom side walls	10ga steel A1011 GR 80
Body upper side walls	12ga steel A1011 GR 80
Body roof	12ga steel A1011 GR 80
Body long sills	HSS tubing, 6" x 2" x 3/8", A500 Grade C

BODY CAPACITIES

2-axle chassis	15, 17, 20, 22 & 24 cu.yd. (11.5, 13, 15, 17 & 18 m ³)
3-axle chassis	27, 29, 31, 33, 35 & 37 cu.yd. (20.5, 22, 24, 25, 27 & 28 m ³)

Note: no split body available with dual Helping hand

HOPPER SPECIFICATIONS

Loading height	5.5" above frame
Hopper floor	3/16" AR200
Hopper floor wear plates	1/4" Hardox 450
Hopper sides	3/16" AR200
Hopper sides wear plates	3/16" Hardox 450
Hopper slope	1/4" Hardox 450
Hopper slope wear plates	1/4" Hardox 450
Hopper door dimensions	71" x 73"

Note: no crusher panel available with dual Helping Hand

TAILGATE SPECIFICATIONS

Sides and Rear Walls	12ga steel A1011 GR 80
Upper tube frame	4" x 4" x 3/16" A500 Grade C
Bottom tube frame	7" x 3" x 1/4" A500 Grade C (10" x 3" x 1/4" A500 Grade C on 0 and 2 cu.yd tailgate)
Framing sides	3/16" AR200

PACKER SPECIFICATIONS

Rails wear plates	1/4" Hardox 500
Packer horizontal wear shoes	1/2" Hardox 450
Packer side wear shoes	1/4", Hardox 450
Top of packing ram	1/4" AR200 70,000 psi
Face plate of packing ram	1/4" AR200 70,000 psi
Width of packing ram	72"
Height of packing ram	18"
Stroke of packing ram	52"

ARM SPECIFICATIONS

Pick up capabilities	32 to 96 gal carts	
Lift capacities	400 lbs at maximum reach	
Arm reach	84 in	120 in

HYDRAULICS

Body Control valve	Parker VG35	
Pump	T6D (Manual) / T6DC (Automated)	
Pump Flow Packer	38 gpm @ 1200 rpm / 20.4 gpm @ 700 rpm	
Pump Flow Arm	N.A. / 16.3 gpm @ 700 rpm	
Hydraulic reservoir	65 gallons (conventional cab)	
Hydraulic system pressure	3000 psi (2000 psi on smaller bodies)	
Return line filter/ Nominal filtration	150 gpm, 7 micron	

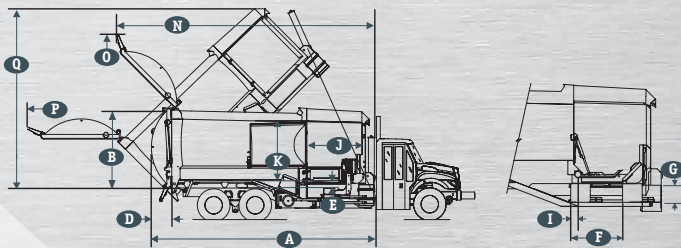
CYLINDERS

Body lifting	Stages telescopic	Bore	Stroke	Bodies	
	3	6 ½"	140"	15 yd³	
	4		150"	20 yd³	
	4		180"	27 yd³	
	5		204"	31 yd³	
Packer	4" x 2.5" x 40"				
Tailgate	2.5" x 1.75" x 39"				
Horizontal extension	2" x 1.25" x 54"				Additional cylinder 2" x 1.25" x 36"
Lifting	3" x 1.5" x 16"				
Grabber	1.5" x 1" x 5"				

PRODUCTIVITY DATA

Arm cycle time	8 to 20 sec. at 700 rpm	
Packer cycle time	20 sec. at 700 rpm	13 sec. at 700 rpm
Dumping cycle time	55 sec. at 1,500 rpm	
Tailgate cycle time	55 sec. at idle	

Note: Specifications subject to changes without notice.





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, Wittke, Pendpac and Juggler 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), its stock and demo program, engineering input, and the Labriepius 24/7 customer support center, Labrie Enviroquip Group strives to deliver the ultimate ownership experience by standing behind every product it builds to exceed the expectation of each and every customer it serves.

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

Your local dealer is:



Corporate Office: (203) 933-9599 25 Industry Drive, West Haven, CT, 06516

MA location: (855) 373-SECI 1140 Turnpike Street, Unit 3 & 4, Stoughton, MA, 02072

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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