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.
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!

**FLEXIBILITY—BECAUSE EVERY ROUTE IS DIFFERENT**

10-FOOT ARM REACH*  

400-LB ARM LIFTING CAPACITY, FULLY EXTENDED  

13-SEC PACKING CYCLE**

* Long Reach option  
** Regen Valve option
Semi-automated cart tipper on street side

Fully automated collection, zero grab

Helping Hand™ arm in dump mode

Handloading “extras” on an automated route

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 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.

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.

*Available as an option
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™.**
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.
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

**LABRIOE 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
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:**

- **Labrieplus 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.

Visit [www.labriegroup.com](http://www.labriegroup.com) to view our complete premium distributor network.
## BODY DIMENSIONS
<table>
<thead>
<tr>
<th></th>
<th>2 axles</th>
<th>3 axles</th>
</tr>
</thead>
<tbody>
<tr>
<td>A O.A. length</td>
<td>237 in (6,020 mm)</td>
<td>292 in (7,417 mm)</td>
</tr>
<tr>
<td>B O.A. height above frame</td>
<td>102 in (2,591 mm)</td>
<td>102 in (2,591 mm)</td>
</tr>
<tr>
<td>C O.A. width*</td>
<td>96 in (2,438 mm)</td>
<td>96 in (2,438 mm)</td>
</tr>
<tr>
<td>D Tailgate length</td>
<td>18 in (457 mm)</td>
<td>33 in (838 mm)</td>
</tr>
<tr>
<td>E Loading height above frame</td>
<td>5.5 in (140 mm)</td>
<td>5.5 in (140 mm)</td>
</tr>
<tr>
<td>F Packer stroke</td>
<td>52 in (1,321 mm)</td>
<td>52 in (1,321 mm)</td>
</tr>
<tr>
<td>G Packer height</td>
<td>18 in (457 mm)</td>
<td>18 in (457 mm)</td>
</tr>
<tr>
<td>H Packer width*</td>
<td>72 in (1,829 mm)</td>
<td>72 in (1,829 mm)</td>
</tr>
<tr>
<td>I Packer penetration inside body</td>
<td>12 in (305 mm)</td>
<td>12 in (305 mm)</td>
</tr>
<tr>
<td>J Hopper opening width</td>
<td>71 in (1,803 mm)</td>
<td>71 in (1,803 mm)</td>
</tr>
<tr>
<td>K Hopper opening height</td>
<td>77 in (1,956 mm)</td>
<td>77 in (1,956 mm)</td>
</tr>
<tr>
<td>L Dumping angle, body*</td>
<td>45°</td>
<td>45°</td>
</tr>
<tr>
<td>M Angle of slope, raised*</td>
<td>24°</td>
<td>24°</td>
</tr>
</tbody>
</table>

### 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.
- **3-axle chassis**: 27, 29, 31, 33, 35 & 37 cu.yd.

### 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: 3, 4, 4, 3
- Bore: 6 1/2”, 140”, 130”, 180”
- Stroke: 150”, 204”, 270”, 317”
- Bodies: 3, 4, 4, 5

- **Packer**: 4” x 2.5” x 40”
- **Tailgate**: 2.5” x 1.75” x 39”

### PRODUCTIVITY DATA

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

*Not shown on drawing*
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 Labrieplus 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.

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.