



The side loader that keeps your operation
in the productivity fast lane



Productivity through innovation

EXPERT 2000

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The side loader that keeps your operation in the productivity fast lane

In 1994, the Expert 2000 established a new standard for side loading collection vehicles. Designed using the most advanced engineering techniques, it offers unmatched performance and reliability. When productivity is the essence of your business, the Expert 2000 is the ultimate solution.



With the **Expert 2000** you get an impressive range of advantages. It offers a large hopper, the greatest swept volume capacity, the most powerful compaction cylinder force in its category and a state-of-the-art dropped frame chassis to yield high productivity.



Hydraulic system with extensive use of rigid lines for easier service and maintenance.



Anti-leak tailgate rubber seal and hydraulic locking device.

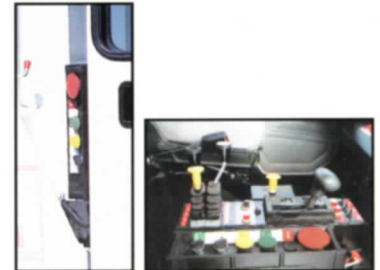


18" (457 mm) deep hopper, impressive 1.38 cu. yd. (1.05 m³) swept volume, 52" (1321 mm) ram stroke, 12" (305 mm) packer ram penetration and the **greatest compaction cylinder force** in its category.



60" (1524 mm) wide loading doors accept roll carts from 32 to 291 US gallons (120 to 1,100 litres).

Wide-angle tilting hydraulic cart tipper allows 38, 64 and 95 US gallon roll cart handling (140, 240 and 360 litres).



Standard packer controls located on the **right-hand side** of body. As an option, controls can also be placed on the left-hand side and on the console located inside the cab.

Compaction cycles can be **programmed** (2 to 6 multi-cycles available).



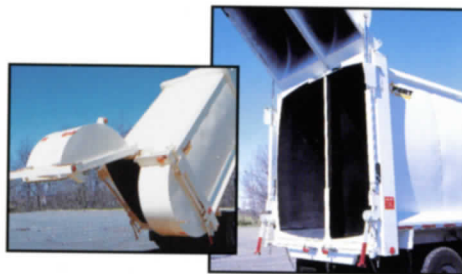
Labrie's commitment to customer satisfaction is reflected in its status as the first collection equipment manufacturer in North America to have obtained **ISO 9001 certification**.



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CO-MINGLE

The Expert 2000 co-mingling version features a **60/40 hopper split** to allow the collection of two separate types of material for **optimum payload** and profitability.



60/40 vertical split in body keeps material types **separate**.

Choice of dual tailgates for 60/40 split or single tailgate with interior door.



Partial crusher panel (on 60% side of hopper) comes as standard on the co-mingling version.



Unique hydraulically-activated split chute adaptable for split carts. Ingenious system ensuring quick, semi-automatic loading with no material contamination.



Criss-cross chute for manual sorting of material.



Hydraulically-activated adjustable chute (street-side or curb-side). Allows manual or semi-automated collection for maximum flexibility.



Dual-action cart tipper allowing semi-automatic material sorting for each hopper compartment.



Co-mingling version featuring semi-automated split loading bucket for glass collection [body capacity: 22 cu. yd. (17 m³) / glass compartments: 1.8 cu. yd. (1.4 m³)].

High-tech concept and design strategy

Labrie stays at the cutting edge of innovation and design by using the very latest in computer design technology. Our 3D solid software allows us to examine in detail every aspect of a vehicle's construction before it leaves the drawing-board, ensuring that the finished product is fine-tuned for maximum productivity.

Outstanding distribution network and in-house facilities

Labrie gives you access to one of the most extensive distribution networks in North America and provides tailor-made leasing programs. We keep a wide selection of chassis in stock, perform cab conversions and make in-house drop frame modifications to ensure that you get on the road right on time with vehicles that allow you to fulfill your daily commitments.



Productivity through innovation

The latest assembly line set-up combined with technologically advanced painting facilities, 85,000 square feet of manufacturing space, a flexible and innovative engineering task force, unmatched dedication to R&D, and some of the most highly-trained workers in the business make Labrie the industry leader.

All this, plus intensive quality control means that your Labrie vehicle will keep you on the route getting the job done.

Distributed by:



Labrie Equipment Ltd.

175 Route du Pont, Saint-Nicolas, Quebec, Canada G7A 2T3

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SIDE LOADING PACKER BODY

Body Capacities:

Available on 2-axle chassis in capacities of 17 and 22 cu. yd. (13 and 17 m³)
Available on 3-axle chassis in capacities of 29, 31, 33, 35, 37, and 38 cu. yd. (22, 24, 25, 27, 28, and 29 m³)

SPECIFICATIONS

Body

- Body floor: 3/16" (4.8 mm), A-607, abrasion resistant, yield strength 50,000 psi (345 MPa)
- Floor slope: 1/4" (6.3 mm), AR-425, abrasion resistant, high-tensile steel, yield strength 190,000 psi (1310 MPa)
- Sides: 12 ga. (2.7 mm), A-715 GR 80F, high-tensile steel, yield strength 80,000 psi (550 MPa)
- Long sills: HSS tubing, 6" x 2" x 3/8" (152 mm x 51 mm x 9.5 mm), yield strength 50,000 psi (345 MPa)
- Roof: 12 ga. (2.7 mm), A-715 GR 80F, structural channel, high-tensile steel, yield strength 80,000 psi (550 MPa)
- Tailgate: 12 ga. (2.7 mm), A-715 GR 80F, 80,000 psi (550 MPa)
- Weight: 12,500 lb. (5681 kg) – [33 cu. yd. (25 m³) without options]

Hopper

- Fully enclosed, directly behind cab
- Loading height: 5.5" (140 mm) above frame
- Floor and sides: 1/4" (6.3 mm), S-107, abrasion resistant, high-tensile steel, yield strength 65,000 psi (450 MPa)
- Ram face: 1/4" (6.3 mm), S-107, abrasion resistant, high-tensile steel, yield strength 65,000 psi (450 MPa)

Hydraulics

- Gresen V42 control valve
- Tyrone DV25450 pump with dry valve, 50 gpm (190 litres/min.) at 1,500 rpm (on 5" cylinders)
- 66 US gal. (250 litres) hydraulic oil reservoir
- 2,000 psi (140 bars) maximum pressure
- 100 mesh strainer at pump inlet
- 7-micron in-tank return filter at 150 gpm (570 litres/min.)
- Double and quadruple braided wire hoses covered with nylon wrap
- Extensive use of hydraulic tubing to minimize use of hydraulic hoses and ease maintenance
- Overspeed protection standard with electronic transmission

PRODUCTIVITY DATA

- Packer cycle time: 14 sec. at 1,500 rpm
- Packer cylinder force: 80,000 lb. (360 KN) at 2,000 rpm
- Cart tipper cycle time: 8-10 sec. at 2,000 psi (140 bars)
- Dumping cycle time: 55 sec. at 1,500 rpm
- Tailgate cycle time: 55 sec. at idle
- Packer swept volume: 1.38 cu. yd. (1.05 m³)

CHASSIS REQUIREMENTS*

Body capacities	C.C.A.	W.B.	A.F.	Chassis suitability
17 cu. yd. (13 m ³) and 22 cu. yd. (17 m ³)	192" 4877 mm	260" 6604 mm	40" 1016 mm	Single axle equal to or more than 33,000 lb. (14 950 kg)
29-38 cu. yd. (22-29 m ³)	204" 5182 mm	272" 6909 mm	54" 1372 mm	Tandem axle equal to more than 54,000 lb. (24 465 kg)

* On conventional cab & chassis: Navistar, Freightliner...

Cylinders

- Front-mounted telescopic hoist 180" (4572 mm) stroke, 4-stage, 6.5" (165 mm) bore, with outer cover and bottom lifting (on 29, 31, 33, 35, and 37 cu. yd. (22, 24, 25, 27, 28, and 29 m³) bodies)
- Two 5" (127 mm) double-acting cylinders activate the packer, 40" (1016 mm) stroke, 3" (76 mm) rod (on 29, 31, 33, 35, and 37 cu. yd. (22, 24, 25, 27, 28, and 29 m³) bodies)
- Two 2.5" (63.5 mm) double-acting cylinders activate the tailgate, 39" (991 mm) stroke, 1.5" (38 mm) rod

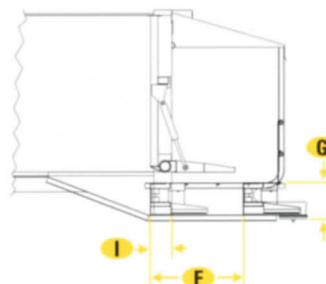
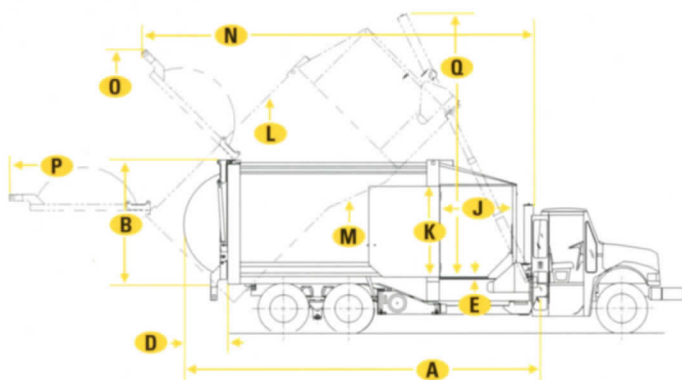
- One 2.5" (63.5 mm) double-acting cylinder for crusher panel, 14.5" (368 mm) stroke, 1.5" (38 mm) rod

Electrical system

- All switches are watertight and all electrical wiring runs through a cable harness
- All circuits properly fused with color-coded and numbered wiring

Paint

- Body and hopper steel gritblasted
- One coat of prime quality urethane primer (Dupont)
- Fog coat and finishing coat in one color of polyurethane paint



DIMENSIONS

	3 axles		2 axles	
	IMPERIAL 33 cu. yd.	METRIC 25 m ³	IMPERIAL 22 cu. yd.	METRIC 17 m ³
A O.A. length	288"	7315 mm	220"	5588 mm
B O.A. height above frame	101"	2565 mm	101"	2565 mm
C O.A. width*	96"	2438 mm	96"	2438 mm
D Tailgate length	36"	914 mm	8"	203 mm
E Loading height above frame	5 1/2"	140 mm	5 1/2"	140 mm
F Packer stroke	52"	1321 mm	52"	1321 mm
G Packer height	18"	457 mm	18"	457 mm
H Packer width*	71 1/2"	1816 mm	71 1/2"	1816 mm
I Packer penetration inside body	12"	305 mm	12"	305 mm
J Hopper opening width	60"	1524 mm	60"	1524 mm
K Hopper opening height	74"	1880 mm	74"	1880 mm
L Dumping angle, body	46.5°	46.5°	46.5°	46.5°
M Angle of slope, raised	25.5°	25.5°	25.5°	25.5°
N O.A. length, tailgate raised, body down	322"	8179 mm	289"	7341 mm
O O.A. height, tailgate raised, body down, above frame	191"	4851 mm	191"	4851 mm
P O.A. length, dumping position	429"	10 896 mm	396"	10 060 mm
Q O.A. height, dumping position, above frame	221"	5613 mm	197"	5004 mm

* Not shown on drawing

STANDARD FEATURES

- Ram height: 18" (457 mm)
- Two easily replaceable packer wear shoes AR 425, abrasion resistant, 400-477 Brinell surface hardness
- Two AR 500 packer rail guides on hopper floor
- 3-piece folding packer ram for greater loading space and shorter walking distance between driving and loading position
- Crusher panel, 3/16" (4.8 mm), with right-hand side control
- Rounded walls, roof and floor increase rigidity, lightness and self-cleaning
- Stop, clearance and safety lights enclosed in tailgate frame
- "TRUCK-LITE" watertight recessed stop, clearance and tail lights
- Body safety prop
- Inside cab control for tailgate and body hoist
- "Pack-on-the-go" feature
- Front and rear mud guards
- 3-year warranty on cylinders

OPTIONAL EQUIPMENT

- In cab and left-hand side packer controls
- Pump overspeed protection (on mechanical transmission)
- Cart tipper for 38, 64 and 95 US gallon (140, 240 and 360 litres) American and/or European style roll carts
- Cart tipper for 600 to 1100 litres European style roll carts
- Two-compartment 60/40 body with dual tailgates or one tailgate and interior hinged door

Labrie reserves the right to modify construction and/or design details and furnish equipment when so altered without reference to illustrations and/or specifications shown herein. All specifications subject to change without notice.



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EXPERT 2000 CO-MINGLE

SIDE LOADING PACKER BODY

Body Capacities:

Available on 2-axle chassis in capacities of 22 and 24 cu. yd. (17 and 18 m³)
Available on 3-axle chassis in capacities of 29, 31, 33, 35, 37, and 38 cu. yd. (22, 24, 25, 27, 28, and 29 m³)

SPECIFICATIONS

Body

- Body floor: 3/16" (4.8 mm), A-607, abrasion resistant, yield strength 50,000 psi (345 MPa)
- Floor slope: 1/4" (6.3 mm), AR-425, high-tensile steel, yield strength 190,000 psi (1310 MPa)
- Sides: 12 ga. (2.7 mm), A-715 GR 80F, high-tensile steel, yield strength 80,000 psi (550 MPa)
- Long sills: HSS tubing, 6" x 2" x 3/8" (152 mm x 51 mm x 9.5 mm), yield strength 50,000 psi (345 MPa)
- Roof: 12 ga. (2.7 mm), A-715 GR 80F, structural channel, high-tensile steel, yield strength 80,000 psi (550 MPa)
- Tailgate: 12 ga. (2.7 mm), A-715 GR 80F, abrasion resistant, 80,000 psi (550 MPa)

- Weight: 14,735 lb. (6698 kg) – [33 cu. yd. (25 m³) 60/40 with two bubble tailgates but without options]
15,430 lb. (7014 kg) – [38 cu. yd. (29 m³) 60/40 with one bubble tailgate and interior hinged door but without options]

Hopper

- Fully enclosed, directly behind cab
- Loading height: 5.5" (140 mm) above frame
- Floor and sides: 1/4" (6.3 mm), S-107, abrasion resistant, high-tensile steel, yield strength 65,000 psi (450 MPa)
- Ram face: 1/4" (6.3 mm), S-107, abrasion resistant, high-tensile steel, yield strength 65,000 psi (450 MPa)

Hydraulics

- Gresen V42 control valve
- Tyrone DV25450 pump with dry valve, 50 gpm (190 litres/min.) at 1,500 rpm (on 5" cylinders)
- 66 US gal. (250 litres) hydraulic oil reservoir
- 2,000 psi (140 bars) maximum pressure
- 100 mesh strainer at pump inlet
- 7-micron in-tank return filter at 150 gpm (570 litres/min.)
- Double and quadruple braided wire hoses covered with nylon wrap

PRODUCTIVITY DATA

- Packer cycle time: 14 sec. at 1,500 rpm
- Packer cylinder force: 80,000 lb. (360 KN)
- Dumping cycle time: 55 sec. at 1,500 rpm
- Tailgate cycle time: 55 sec. at idle
- Packer swept volume: 1.38 cu. yd. (1.05 m³)

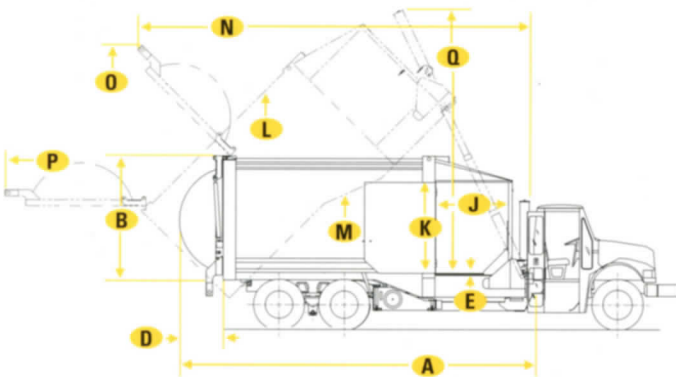
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Body capacities	C.C.A.	W.B.	A.F.	Chassis suitability
22 cu. yd. (17 m ³) and 24 cu. yd. (18 m ³)	192" 4877 mm	260" 6604 mm	40" 1016 mm	Single axle equal to or more than 33,000 lb. (14 950 kg)
29-38 cu. yd. (22-29 m ³)	204" 5182 mm	272" 6909 mm	54" 1372 mm	Tandem axle equal to more than 54,000 lb. (24 465 kg)

* On conventional cab & chassis: Navistar, Freightliner...

STANDARD FEATURES

- Extensive use of hydraulic tubing to minimize use of hydraulic hoses and ease maintenance
- Overspeed protection standard with electronic transmission
- Cylinders
 - Front-mounted telescopic hoist 180" (4572 mm) stroke, 4-stage, 6.5" (165 mm) bore, with outer cover and bottom lifting. On 29, 31, 33, 35, and 37 cu. yd. bodies (22, 24, 25, 27, 28, and 29 m³)
 - Two 5" (127 mm) double-acting cylinders activate the packer, 40" (1016 mm) stroke, 3" (76 mm) rod. On 29 cu. yd. body and more (22 m³ and more)
 - Two 2.5" (63.5 mm) double-acting cylinders activate the tailgates, 39" (991 mm) stroke, 1.5" (38 mm) rod
 - One 2.5" (63.5 mm) double-acting cylinder for crusher panel, 14.5" (368 mm) stroke, 1.5" (38 mm) rod
- Electrical system
 - All switches are watertight and all electrical wiring runs through a cable harness
 - All circuits properly fused with color-coded and numbered wiring
- Paint
 - Body and hopper steel gritblasted
 - One coat of prime quality urethane primer (Dupont)
 - Fog coat and finishing coat in one color of polyurethane paint
- Two bubble tailgates 60/40: 1.5 cu. yd. (1.15 m³) and 2.5 cu. yd. (1.91 m³) for a total of 4 cu. yd. (3.06 m³)
- ICC bumper mounted on 60% bubble tailgate
- Dual hinges design
- Ram height: 18" (457 mm)
- Tailgate locking system: two automatic tailgate latches, one on each side and two hooks at the bottom
- Inside cab control for tailgates (R.H. and L.H. side selector) and body hoist
- Hopper divider: 3/8" (9.5 mm), A-514, high-tensile steel, yield strength 100,000 psi (690 MPa)
- Two easily replaceable packer wear shoes AR 425, abrasion resistant, 400-477 Brinell surface hardness
- Two AR 500 packer rail guides on hopper floor
- 3-piece folding packer ram for greater loading space and shorter walking distance between driving and loading positions
- Partial crusher panel on 60% side, 3/16" (4.8 mm), with right-hand side control
- Rounded walls, roof and floor increase rigidity, lightness and self-cleaning
- Stop, clearance and safety lights enclosed in tailgate frame
- "TRUCK-LITE" watertight recessed stop, clearance and tail lights
- Body safety prop
- Inside cab control for tailgate and body hoist
- "Pack-on-the-go" feature
- Front and rear mud guards
- 3-year warranty on cylinders



DIMENSIONS

	3 axles IMPERIAL 33 cu. yd.		3 axles IMPERIAL 38 cu. yd.	
		METRIC 25 m ³		METRIC 29 m ³
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M Angle of slope, raised	25.5°	25.5°	25.5°	25.5°
N O.A. length, tailgate raised, body down	322"	8179 mm	352"	8941 mm
O O.A. height, tailgate raised, body down, above frame	191"	4851 mm	191"	4851 mm
P O.A. length, dumping position	429"	10 896 mm	457"	11 610 mm
Q O.A. height, dumping position, above frame	221"	5613 mm	229"	5817 mm

* Not shown on drawing

OPTIONAL EQUIPMENT

- One tailgate and inside-body hinged door instead of two 60/40% tailgates
- In cab and left-hand side packer controls
- Pump overspeed protection (on mechanical transmission)
- Criss-cross chutes for manual loading of material
- Hydraulically activated adjustable chute and cart tipper for 95 US gal. American or European style roll carts (360 litres)
- Hydraulically activated split chute and cart tipper for split carts (95 US gal. Toter carts)

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