

Expert Series

DROP FRAME FLEXIBILITY, BECAUSE EVERY ROUTE IS DIFFERENT

Introducing the Expert Series, the most versatile waste collection vehicle on the market. Since 1984, we've been performing our own factory drop frame modifications, enabling us to offer customized solutions to meet our customers' unique needs.

The Expert is designed for efficient waste collection, whether it's manual, semi-automated, or fully automated. Hopper access from both curbside and street side makes it easy to collect waste in alleys and one-way streets. With various configurations and numerous options available, it's hard to find a situation where the Labrie™ Expert wouldn't be a perfect fit.

Laying the foundations for a truly exceptional product.

LABRIE™ INNOVATIONS

With a strong emphasis on innovation, Labrie's engineering team has crafted a comprehensive range of customizable options to cater to even the most stringent customer requirements. We are poised and eager to embrace emerging industry trends and fulfill evolving customer demands. This perpetual cycle of innovation positions Labrie™ as the forefront leader in side loader solutions across North America.

WEIGHT DISTRIBUTION

Over years of innovation, Labrie™ trucks prioritize ideal weight distribution in all models. Our ongoing objective is to achieve the perfect material balance, ensuring models collect more waste while maintaining the highest legal payload.



ENVIROLINK™ HAS LAID THE FOUNDATIONS FOR A BRAND-NEW ERA IN TRUCK INTELLIGENCE.

An improved multiplex network and analog system, cameras and monitors, scales, diagnostic tools, safety interlocks, alerts, GPS tracking, and more are now packaged in a more precise, reliable, and efficient Smart Collection Package.

shape of the body maximizes compaction by concentrating material at the back.

The rounded, tapered

15 yd³ to 37 yd³ body sizes

> AR Steel liners on the hopper floor and side walls

> > Crusher panel

Proportional joystick, electric over hydraulic

Tailgate auto-latch closes straight down to protect

rubber seal

Zinc-plated hydraulic tubing

Tailgates ranging

from 0 yd3 to 6 yd3

based on body

capacity

Helping Hand • 10 foot reach

configuration available

• 400 lb lifting capacity • 13 sec packing cycle Dual Helping-Hand™

Hopper enclosed arm dumps directly into packer area

New sump box 700% larger

ALLEYS RECYCLING RESIDENTIAL COMMERCIAL DEMOLITION ORGANICS Expert Series





Labrie[™] is the only manufacturer that conducts the drop frame modification process in-house. This gives us direct control over the process, ultimately benefiting our clients.

AUTOMATED COLLECTION

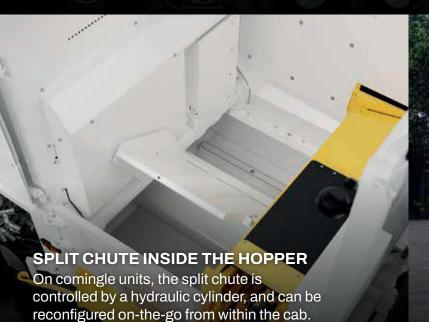
The Expert drop frame configuration excels in manual or semi-automated waste/recycling collection, featuring a low loading height.

SPLIT BODY VERSATILITY

50/50, 40/60, or 60/40-split configuration for maximizing payload and adapting route diversion rates.

SINGLE SHEET OF STEEL ON THE BODY SIDES

Enhanced strength and a seamless canvas for graphics, providing greater structural integrity, eliminating the need for reinforcement posts, and reducing the potential for weld seam cracks & corrosion.



ENCLOSED HOPPER

Ideal for preventing waste from flying onto the road and for keeping water, snow, and ice from accumulating overnight.

Expert Series Specifications

Body Specifications					
Body Floor	3/16" 50W 50,000 psi				
Body Sides (lower)	10ga A1011 80,000psi				
Body Roof	12ga A1011 80,000psi				
Tailgate	12ga A1011 80,000psi				

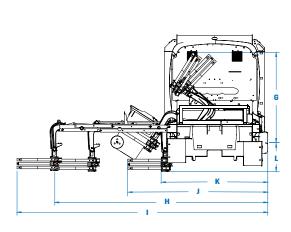
Arm Specifications (Automated Units)						
400 lbs						
84" (120" optional)						
16"						
Proportional joystick, electric over hydraulic						

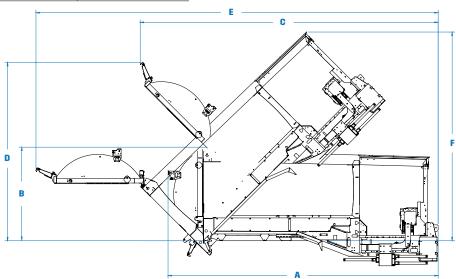
Cylinder Specifications					
Body Lifting Cylinder (15-20 yd³ bodies)	4 stages 6-1/16" bore x 150" stroke				
Body Lifting Cylinder (22 yd³ bodies)	4 stages 6-1/16" bore x 165" stroke				
Body Lifting Cylinder (27-31 yd³ bodies)	4 stages 6-1/16" bore x 180" stroke				
Packer Cylinders	4" bore x 2-1/2" rod x 40" stroke				
Crusher Panel Cylinder	2" bore x 1-1/2" rod x 14-1/2" stroke				
Tailgate Cylinders	2-1/2" bore x 1-3/4" rod x 39" stroke				
Arm extension Cylinder (84" reach)	2" bore x 1-1/4" rod x 70" stroke				
Arm extension 2nd Cylinder (120" reach)	2" bore x 1-1/4" rod x 36" stroke				
Lifting Cylinder	3" bore x 1-1/2" rod x 16" stroke				
Grabber Cylinder	1-1/2" bore x 1" rod x 6-1/4" stroke				

Hopper Specifications					
Hopper Size (yd³)	4				
Loading Height	5-1/2" above frame				
Hopper Floor	3/16" 50W 50,000 psi				
Hopper Floor wear plates	1/4" AR500 190,000psi				
Hopper Sides (lower)	3/16" AR200 70,000 psi				
Hopper Sides wear plates	0.157" AR450 175,000psi				
Hopper Slope	1/4" AR500 190,000psi				
Hopper Slope wear plates	1/4" AR500 190,000psi				

Hydraulic Specifications					
Pump	Single Vane (Manual) / Dual Vane (Automated)				
Pump Capacity (Manual)	38 gpm@1200 rpm				
Pump Capacity (Automated)	BODY: 20 gpm@700 rpm; ARM: 16 gpm@700 rpm				
Max. Operating Pressure	3,000 psi (2,000 psi on single axle chassis)				
Oil Reservoir (conventional cab)	65 gal				

Packer Specifications						
850 (600 on single axle chassis)						
1/4" 100QT 100,000 psi						
71"						
18"						
50"						

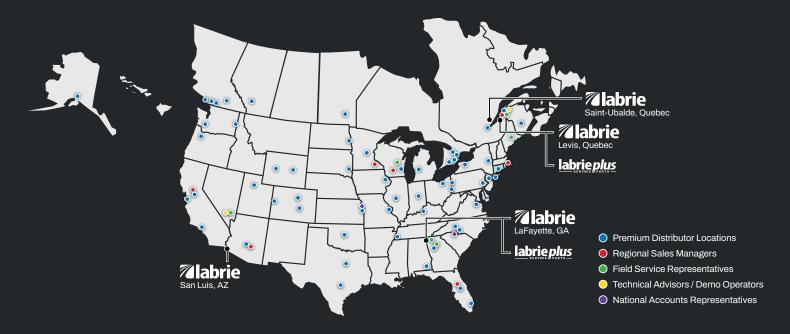




Body Dimensions	15YD ³ (15+0)												33YD ³ (31+2) (
A. Overall Length, Tailgate Closed (in.)	239	248	240	245	258	261	274	280	285	298	313	310	315	328	343
Overall Width (in.)	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
B. Overall Height Above Frame, Tailgate Closed (in.)	82	82	103	103	103	103	103	103	103	103	103	103	103	103	103
C. Overall Length, Tailgate Open (in.)	281	281	289	289	289	305	305	329	329	329	329	359	359	359	359
D. Overall Height Above Frame, Tailgate Open (in.)	165	165	197	197	197	197	197	197	197	197	197	197	197	197	197
E. Overall Length, Dumping Position (in.)	375	375	403	403	403	419	419	444	444	444	444	470	470	470	470
F. Overall Height Above Frame, Dumping Position (in.)	185	185	201	201	201	213	213	230	230	230	230	244	244	244	244
G. Overall Height Above Frame When Dumping (in.)	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86
H. Overall Width, Arm Out (STD), Grabber Closed (in.)	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204
I. Overall Width, Arm Out (LONG REACH), Grabber Closed (in.)	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240
J. Overall Width, Arm In, Grabber Closed (in.)	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134
K. Overall Width, Arm In, Grabber Open (in.)	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
L. Distance between bottom of Grabber & chassis frame rail (in.)	22/28	22/28	22/28	22/28	22/28	22/28	22/28	22/28	22/28	22/28	22/28	22/28	22/28	22/28	22/28

Performance Sp	ecifications			
Arm In (72" reach)	2.4 sec @ 700 rpm	Grabber Open	1.3 - 1.8 sec @ 700 rpm	Cr
Arm In (84" reach)	2.8 sec @ 700 rpm	Grabber Close	1.0 - 1.5 sec @ 700 rpm	Cr
Arm In (120" reach)	4.5 sec @ 700 rpm	Packer complete cycle without regeneration	12 sec @ 1200 rpm	Hy
Arm Out (72" reach)	3.2 sec @ 700 rpm	Packer complete cycle with regeneration	14 sec @ 700 rpm	Hy
Arm Out (84" reach)	3.7 sec @ 700 rpm	Tailgate Open	21 sec @ 700 rpm	
Arm Out (120" reach)	6.0 sec @ 700 rpm	Tailgate Close (with Safety Flow limiter)	26 sec @ 700 rpm	
Arm Up	2.5 - 3.0 sec @ 700 rpm	Body Up (depending on body size)	30-40 sec @ 700 rpm	
Arm Down	2.5 - 3.0 sec @ 700 rpm	Body Down (depending on body size)	15-25 sec @ 700 rpm	

Crusher panel Up	4 sec @ 700 rpm
Crusher panel Down	3 sec @ 700 rpm
Hydraulic chute to curb side	4 sec @ 700 rpm
Hydraulic chute to street side	4 sec @ 700 rpm



Our North American network is dedicated to quality.

Labrie™ trucks are supported by over 30 top-tier distributors spanning across 50+ sites in the US and Canada, guaranteeing a commitment to driving excellence and providing expert support.



Opt for the Labrie™ Pronto Stock Program when a pre-built model makes sense. Benefit from expedited delivery, cost savings, and a wide selection of models designed to cater to even the most demanding collection needs.



With Sourcewell, save time and money by combining the buying power of more than 50,000 government, education, and nonprofit organizations.











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