Expert Series



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™ SMARTER COLLECTION

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.

The rounded, tapered shape of the body maximizes compaction by concentrating material at the back.

15 yd³ to 37 yd³ body sizes

Tailgates ranging from 0 yd³ to 6 yd³ based on body capacity

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

Helping Hand™

- 10 foot reach
- 400 lb lifting capacity
- 13 sec packing cycle

Dual Helping-Hand™ configuration available

Hopper enclosed arm dumps directly into packer area

New sump box 700% larger

	AUTOMATED	MANUAL	RESIDENTIAL	COMMERCIAL	DEMOLITION	ORGANICS	ALLEYS TIGHT AREAS	RECYCLING	TIP TO DUMP	FULL EJECT	SPLIT BODY	50>82 DGE	50>96 DGE	50>100 DGE	60>97 DGE	FRAME	ROOF	CAB	TAILGATE	EV
Expert Series	●	●	●				●	●	●		●			CNG			CNG	CNG	CNG	●



IN-HOUSE DROP FRAME MODIFICATION

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.



MANUAL, SEMI-AUTOMATED OR AUTOMATED COLLECTION

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



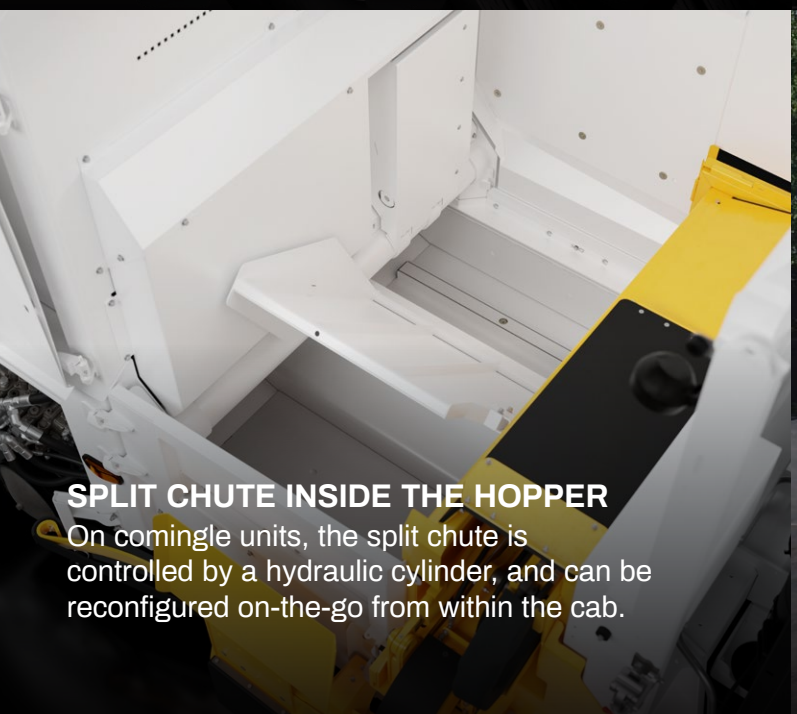
SPLIT BODY VERSATILITY

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.



SPLIT CHUTE INSIDE THE HOPPER

On comingle units, the split chute is controlled by a hydraulic cylinder, and can be reconfigured on-the-go from within the cab.



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	10ga A1011 80,000psi
Tailgate	12ga A1011 80,000psi

Arm Specifications (Automated Units)

Arm Lift Capacity	400 lbs
Arm Reach	84" (120" optional)
Swing out	16"
Arm Controls	Proportional joystick, electric over hydraulic

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

Cylinder Specifications

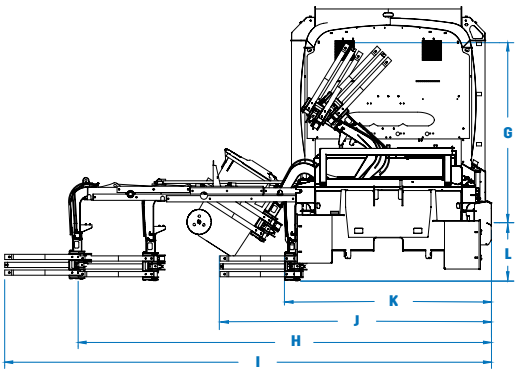
Body Lifting Cylinder (15-20 yd³ bodies)	4 stages 6-1/16" bore x 150" stroke
Body Lifting Cylinder (22 yd³ bodies)	4 stages 6-1/16" bore x 165" stroke
Body Lifting Cylinder (27-31 yd³ bodies)	4 stages 6-1/16" bore x 180" stroke
Packer Cylinders	4" bore x 2-1/2" rod x 40" stroke
Crusher Panel Cylinder	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

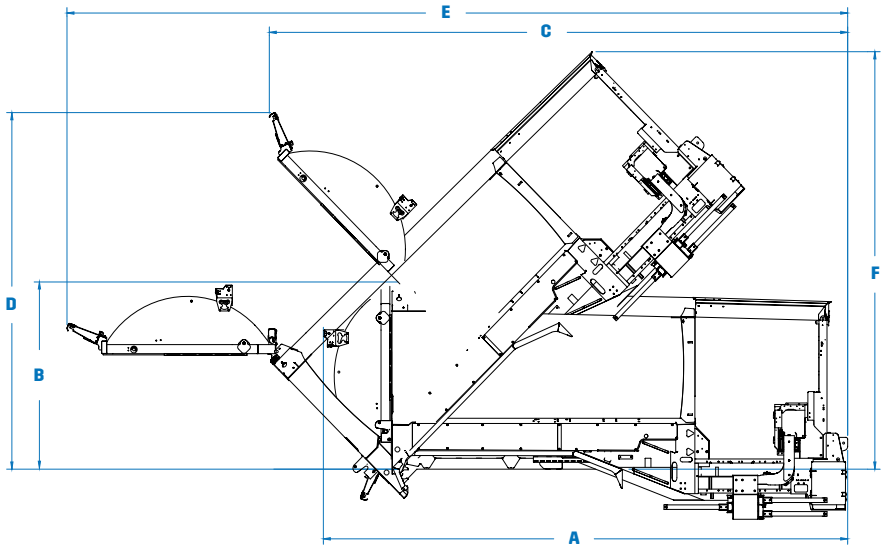
Hopper Specifications

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

Packer Specifications

Compaction ratio (lbs/yd³)	850 (600 on single axle chassis)
Packer Panel Face Plate	1/4" 100QT 100,000 psi
Packer width	71"
Packer height	18"
Packer stroke	50"





Body Dimensions

	15YD³ (15+0)	17YD³ (15+2)	20YD³ (20+0)	22YD³ (20+2)	24YD³ (20+4)	24YD³ (22+2)	26YD³ (22+4)	27YD³ (27+0)	29YD³ (27+2)	31YD³ (27+4)	33YD³ (27+6)	31YD³ (31+0)	33YD³ (31+2)	35YD³ (31+4)	37YD³ (31+6)
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

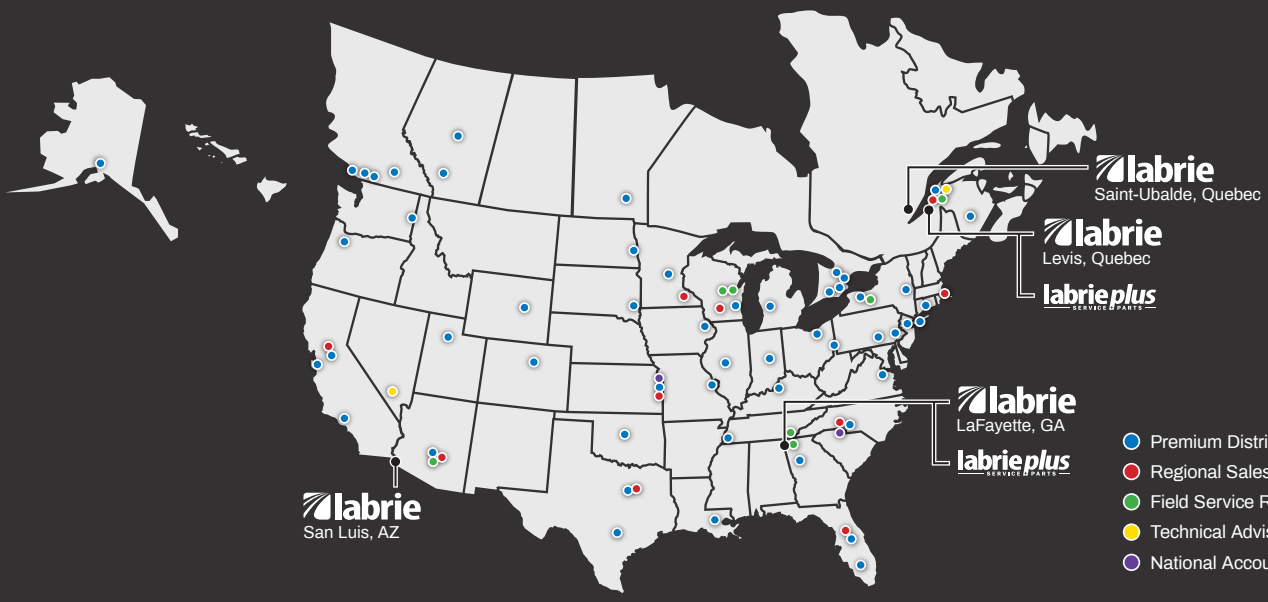
Performance Specifications

Arm In (72" reach)	2.4 sec @ 700 rpm
Arm In (84" reach)	2.8 sec @ 700 rpm
Arm In (120" reach)	4.5 sec @ 700 rpm
Arm Out (72" reach)	3.2 sec @ 700 rpm
Arm Out (84" reach)	3.7 sec @ 700 rpm
Arm Out (120" reach)	6.0 sec @ 700 rpm
Arm Up	2.5 - 3.0 sec @ 700 rpm
Arm Down	2.5 - 3.0 sec @ 700 rpm

Grabber Open	1.3 - 1.8 sec @ 700 rpm
Grabber Close	1.0 - 1.5 sec @ 700 rpm
Packer complete cycle without regeneration	12 sec @ 1200 rpm
Packer complete cycle with regeneration	14 sec @ 700 rpm
Tailgate Open	21 sec @ 700 rpm
Tailgate Close (with Safety Flow limiter)	26 sec @ 700 rpm
Body Up (depending on body size)	30-40 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

Note: Specifications subject to change without notice



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.

Pronto | 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.

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Sanitary Equipment Co., Inc.



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Get it done right, the first time

ABOUT US

Second generation, family owned since 1977, Sanitary Equipment Co. delivers trusted contractor & municipal equipment solutions backed by decades of experience and dedicated customer service.

OUR MISSION

To provide durable, reliable equipment and responsive support so contractors and municipalities can depend on us for the long term.

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LABRIE

Automated side loaders, front loaders, and rear loaders equipped with advanced packer systems, engineered for durability, efficiency, and consistent performance in municipal and commercial refuse service.



LEACH

Rear loader refuse bodies designed for commercial and municipal collection, known for durable construction, efficient compaction and reliable performance on daily routes.



GALFAB

Cable hoist systems for roll off containers, engineered for contractor and municipal hauling with heavy duty construction, smooth operation and long term durability.



LOADMASTER

Rear loader refuse bodies for commercial and municipal collection, engineered for rugged construction, efficient compaction and dependable performance on demanding daily routes.



KANN

Rear load and front load refuse bodies engineered for commercial and municipal refuse collection programs, offering robust construction, efficient compaction and dependable performance in daily service.



AMERICAN ROLL OFF

Cable hoist systems for roll off containers, designed for municipal and contractor hauling with straightforward operation, rugged construction and long term reliability.



MARATHON

Stationary and self contained compactors, for municipal and commercial waste handling, known for rugged construction and long service life.



PALFINGER

Hooklift systems, container carriers, and grapple loaders delivering flexible hauling solutions for contractor and municipal operations.



STELLAR

Hooklift systems and service bodies for interchangeable body hauling and fleet support applications, offering flexible configurations for contractor, utility and municipal operations.



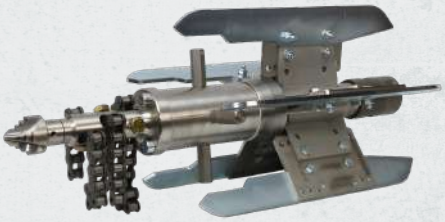
DIG PIG

Hydro excavation and sewer cleaning nozzles, engineered for aggressive cutting, reduced noise and efficient debris removal in demanding applications.



HYDRAFLEX

Hydro excavation and sewer cleaning nozzles, designed to improve efficiency, safety and performance in vacuum truck operations.



KEG

Sewer cleaning nozzles engineered for high performance pipe cleaning, delivering effective blockage removal, durability and consistent results in demanding applications.





ODB

Chassis mounted and trailer mounted vacuum systems for leaf, litter, and catch basin cleanup, delivering reliable performance for municipal maintenance operations.



CUES

Pipeline inspection cameras, robotic crawlers, and sewer inspection systems for industrial and municipal applications, supporting accurate condition assessment and efficient underground asset management.



SONETICS

Wireless communication headsets and crew intercom systems designed for high noise environments, improving safety, coordination and productivity for vacuum truck and field operations.



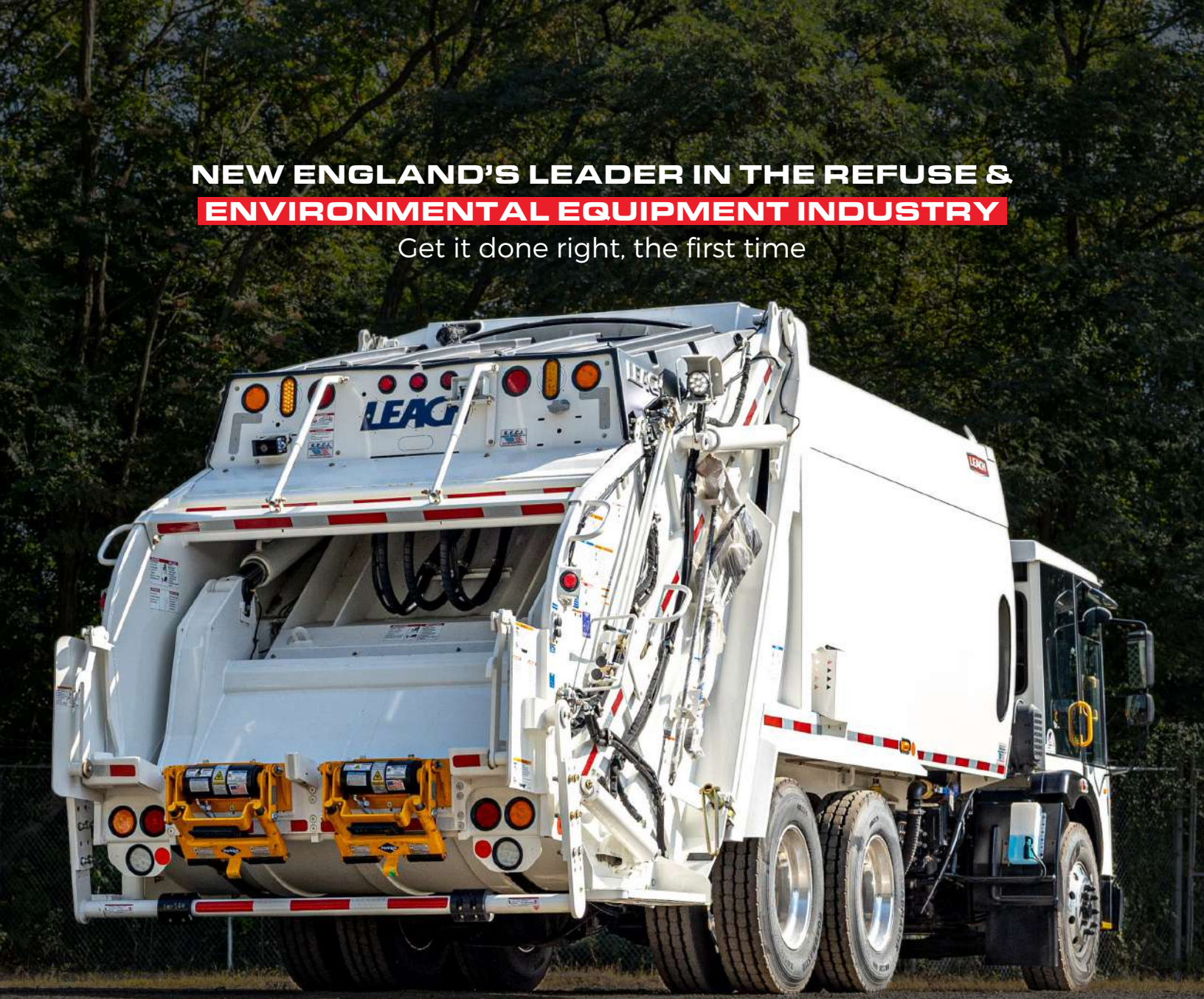


VAC CON

Combination sewer cleaners, hydro excavators, jet trucks, and trailers engineered for contractor and municipal applications, providing powerful debris removal, efficient operation, and proven reliability.

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Get it done right, the first time



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