

# WITTKE SUPERDUTY™

## EVEN FASTER AND STRONGER THAN BEFORE



### Built tougher, for use, rougher.

Wittke knows how strong a front loader has to be. Customers need to run them rough, and that's why we build them tough. HARDOX treated steel plates are used in 100% of the body fabrication. Wittke is the first and the only front loader that is part of the 'HARDOX in my body' program. The Superduty™ is unique, stronger and more abrasion resistant than any other front loader in the industry.



### Efficient design, means maximum payload.

It has to be strong, not heavy. By using HARDOX, we get greater body strength and the lowest body weight. This new design permits the heaviest legal payload ever! Competitors are intimidated!



### Easy to maintain and simple to operate.

We are committed to designing systems that are easy to maintain and simple to troubleshoot. A high quality product with low maintenance costs; the Wittke Superduty™ is built to answer your customers' needs – Just what you want in a front loader!



### Powerful hydraulic system. Productivity at its best.

The Wittke Superduty is known for its speedy operation. Whether loading, carrying or discharging, the new Superduty™ meets the challenge and gets the job done. Maximum number of pick-ups for a minimum time spent on the road. Operators will love it!



## When working on a collection truck

1. Always wear your PPE (vests, gloves, etc.)
2. Don't ride on the step when truck is backing
3. Don't ride on the step when truck going more than 10 mph (or 15 km/h) or 1000 feet (or 300 meters)
4. Drivers - Wear your seatbelt
5. Helpers - Watch out for other vehicles
6. Drive defensively
7. Do not stand behind the truck when it is ejecting/cycling
8. Lift properly – bend your knees
9. Don't stand behind a backing truck
10. Ensure proper riding, cab entry and exit positions



The Labrie Environmental Group distributes and supports its products via a 50-strong distributor network that spans the United States and Canada, and operates a U.S.-based Parts and Customer Support Center that offers maintenance, training, after-sales and parts services.

For further information about our products, contact a Distributor near you or call one of our offices at the numbers listed below. Our complete Distributor network is listed on our website at [www.labriegrup.com](http://www.labriegrup.com)



### Labrie Environmental Group



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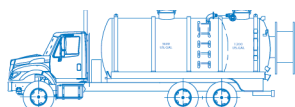
☎ ..... 1-800-463-6638  
☎ ..... (418) 831-8250  
☎ ..... (418) 831-5255  
✉ ..... [sales@labriegrup.com](mailto:sales@labriegrup.com)

### labrieplus Labrie Plus

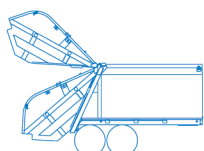
3630 Stearns Drive  
P. O. Box 2785  
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☎ ..... 1-800-231-2771  
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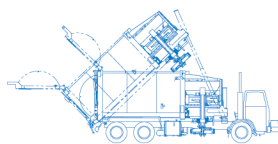
[www.labrieplus.com](http://www.labrieplus.com)



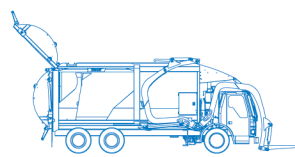
**Juggler™**



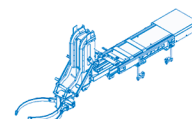
**LEACH**



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**WITTKE**



**INDUSTRIAL  
LIFTERS®**



Large HARDOX steel hopper

## LARGE AND STRONG HOPPER

With a 12 yd<sup>3</sup> hopper, large or over-filled containers can be discharged more easily. Hopper walls are made of a single HARDOX steel formed 3/16" piece rated at 175,000 psi and the hopper floor is made of 1/4" thick HARDOX, also rated at 175,000 psi for biggest impact property.

## HEAVY-DUTY ARMS & FORKS

Durable, reliable box construction is internally braced, creating a strong truss from within the arm itself. The curved arm is designed for strength and evenly distributed stress points.

## TAILGATE AUTO-LATCH SYSTEM

The new Wittke tailgate hydraulic locking device is one of the most simple and efficient in the industry. The tailgate is easily locked and unlocked from the in-cab control panel.

## DURASCOPE™ PACK/EJECT CYLINDERS

A revolutionary pack/eject cylinder with advanced seal protection. This state-of-the-art component, standard on all Wittke front loaders, was designed to be more durable and more productive than ever before. The cylinder features an enhanced seal configuration with improved wear and temperature resistance, along with an aggressive scraper sleeve. This patented scraper sleeve removes the absolute worst kinds of debris and contamination before they can damage the seal. This added protection keeps oil in and contamination out. Durascope™ cylinders last twice as long as other pack-eject cylinders, potentially saving the hauler thousands of dollars per truck, per year.



## HARDOX BODY CONSTRUCTION

The new Wittke Superduty body is made out of HARDOX 450 steel. HARDOX – a high wear material up to 5 times more abrasion resistant than typical steel is used to increase the useful body life. The new body configuration eliminates multi-piece seams that invite corrosion overtime. The Wittke curved side walls are made of a single piece of HARDOX 3/16" thick rated at 175,000 psi that create greater body strength and durability. With HARDOX 3/16" thick rated also at 175,000 psi, the body floor will perform under extreme conditions.

## POWERFUL HYDRAULIC DESIGN

The Wittke's hydraulic system offers the fastest pickup and compaction on the market. The Muncie LivePak hydraulic pump, rated at 54 gpm and 1500 rpm provides exceptional performance. A typical packing cycle takes only 18 to 20 seconds as well as, the full ejection cycle which takes 30 to 33 seconds. All tubes are plated for resistance to corrosion, and hydraulic lines are strategically placed and protected.

## PACKER PANEL

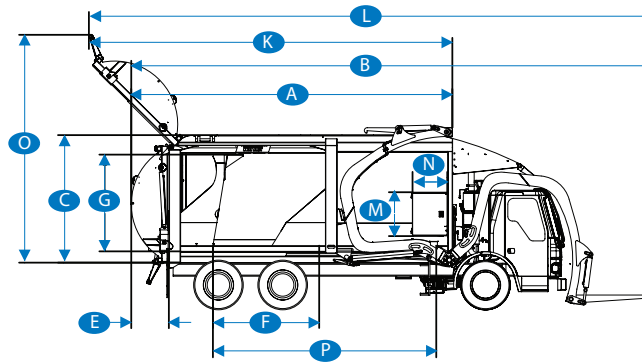
The Wittke packer panel is designed with more efficient angles and construction, resulting in better compaction and increased payload and productivity. The "snowplow" style prevents refuse from creeping up the face of the packer. The lower face panel is made of 1/4" thick HARDOX rated at 175,000 psi for higher abrasion resistance.



Packer panel face with 'snowplow' effect



Durascope™ by Mailhot Industries pack/eject cylinders



## Dimensions

	Imperial	Metric
	40 yd <sup>3</sup>	31 m <sup>3</sup>
A ..... O.A. length, forks up, travel position .....	292"	7,417 mm
B ..... O.A. length, forks down .....	465"	11,811 mm
C ..... O.A. height above frame, forks travel position .....	118"	2,997 mm
D ..... O.A. width* .....	101"	2,564 mm
E ..... Tailgate length .....	32"	813 mm
F ..... Packer ram stroke .....	91"	2,311 mm
G ..... Packer height .....	83½"	2,121 mm
H ..... Packer width* .....	82¼"	2,089 mm
I ..... Hopper opening length* .....	92"	2,337 mm
J ..... Hopper opening width* .....	80"	2,032 mm
K ..... O.A. length, tailgate raised, travel position .....	329"	8,357 mm
L ..... O.A. length, tailgate raised, forks down .....	502"	12,751 mm
M ..... Hopper access door: height .....	39"	991 mm
N ..... Hopper access door: width .....	32½"	826 mm
O ..... O.A. height above frame, tailgate raised, forks travel position .....	183"	4,648 mm
P ..... Eject panel travel .....	191¼"	4,858 mm

\*not shown on drawing

## Body Specifications

Body floor: ..... Curved body floor: ¾" HARDOX 450 rated at 175,000 psi (single sheet)  
 Sides: ..... Curved body sides: ¾" HARDOX 450 rated at 175,000 psi (single sheet)  
 Roof: ..... Curved roof: 8-gauge HARDOX 450 rated at 175,000 psi (single sheet)  
 Cab shield: ..... Curved shape with front part hinged: 12-gauge rated at 50,000 psi  
 Long sills: ..... HSSR 6" x 2" x ¼" rated at 50,000 psi

## Total Body Capacities

Capacities: ..... 38, 40, 42 and 44 yd<sup>3</sup>

## Hopper Specifications

Floor: ..... Flat hopper floor: ¼" HARDOX 450 rated at 175,000 psi (single sheet)  
 Sides: ..... Curved hopper sides: ¾" HARDOX 450 rated at 175,000 psi (single sheet)  
 Long sills: ..... HSSR 6" x 2" x ¼" with "C" shape 3" x 2" x ¾" rated at 50,000 psi  
 Access door opening: ..... Hinge type: ¾" HARDOX 450, 32½" wide x 39" high

## Tailgate Specifications

Type: ..... Curved bubble tailgate: 8-gauge HARDOX 450 rated at 175,000 psi  
 Opening: ..... Top hinged  
 Anti-leak rubber seal: ..... At bottom and 42¼" on each side  
 Locks: ..... Two automatic tailgate latches on either side  
 Capacity: ..... 2, 4 & 6 yd<sup>3</sup> (6 yd<sup>3</sup> standard)

## Packer Specifications

Type: ..... Full-eject type, full height with dual double-acting  
 ..... telescopic cylinders; criss-cross configuration  
 Upper face plate: ..... 8-gauge, HARDOX 450 high-strength steel rated at 175,000 psi  
 Bottom face plate: ..... ¼", HARDOX 450 high-strength steel rated at 175,000 psi  
 Packer wear shoes: ..... HARDOX 450 on packer; HARDOX 500 on body  
 Blocks for cylinder pin attachment: ..... Split type, bolted for easy service and maintenance

## Arm Specifications

Construction: ..... High-strength steel rated at 100,000 psi  
 Capacity: ..... 8,000 lbs (standard)  
 ..... 10,000 lbs (option)

## Hydraulics

Operating pressure: ..... 2,750 psi  
 Pump type: ..... Muncie LivePak Gear  
 Directional valve: ..... Parker, 5 sections with air actuator  
 ..... (electric solenoids with Auto-dump)  
 Packer control: ..... Automatic cycle of the compactor  
 Arm and fork: ..... Two handle joystick (standard)  
 ..... Single four-way joystick (option)  
 Hydraulic tank: ..... Aluminum, capacity of 61 US gallons  
 In-tank return filter: ..... With dirt indicator/magnetic plug/level indicator

## Cylinders

Packer: ..... (2) telescopic cylinders, 170" stroke, three stages bore: 5½", 4½", 3½",  
 Top hopper door: ..... (1) double-acting cylinder bore 2½" x 92" stroke and rod 1.5"  
 Forks: ..... (2) double-acting cylinders bore 3½" x 19" stroke and 1¾" rod diameter  
 Lift arms: ..... (2) double-acting cylinders bore 4½" x 45½" stroke and 2" rod  
 Tailgate: ..... (2) double-acting cylinders bore 2½" x 39" stroke, rod 1¾"

## Productivity Data

Packer cylinders' force: ..... 130,700 lbs at 2,750 psi  
 Top door opening: ..... 11 sec. at 1,500 rpm  
 Eject-panel cycle time: ..... 33 sec. at 1,500 rpm  
 Packer cycle time: ..... 20 sec. at 1,500 rpm  
 Lifting arms' cycle time: ..... 14 sec. at 1,500 rpm  
 Fork cycle time: ..... 4 sec. at 1,500 rpm  
 Body tare weight 40 yd<sup>3</sup>: ..... 16,500 lbs

*Note: Specifications subject to change without notice.*