

WITTKE STARLIGHT™

ALWAYS PRODUCTIVE – IMPROVED LEGAL PAYLOAD



more efficient

Speedy Operation. Increased Productivity.

The Wittke Starlight™ is known for its low arm cycle time – no time lost! The design of the hydraulic system, superior hydraulic components and adjusted acceleration and deceleration ramps increase productivity! Operators will love it! handle both residential and commercial routes!



greener

Reduced Body Weight. Maximized Payload.

Everything is possible with Wittke. By using HARDOX, steel thickness is reduced and body properties are enhanced. This new design permits the heaviest legal payload ever! Ideal to answer your customers' needs – Just what you want in a front loader!



smarter

Constructed with Superior Hardness & Superior Strength. Low Maintenance Costs.

By using HARDOX treated wear plates in the entire body construction, the new Wittke Starlight is the strongest front loader in the industry. The body is even stronger and more resistant to abrasion, increasing stability, longevity and reducing body weight. Stronger all around, and your key to success. Low maintenance costs mean maintenance crews will appreciate its durability.



safier

Easy To Maintain. Simple to Troubleshoot.

We are committed to design systems that are easy to maintain and simple to troubleshoot. The new Wittke Starlight is built to answer your customers' needs – Just what you want in a front loader!



1.800.263.1262 | jjei.com | info@jjei.com

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



Labrie Environmental Group



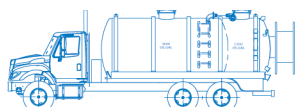
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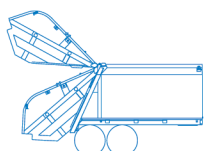
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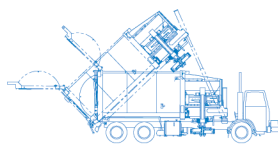
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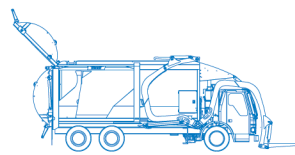
Juggler™



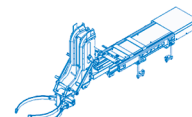
LEACH



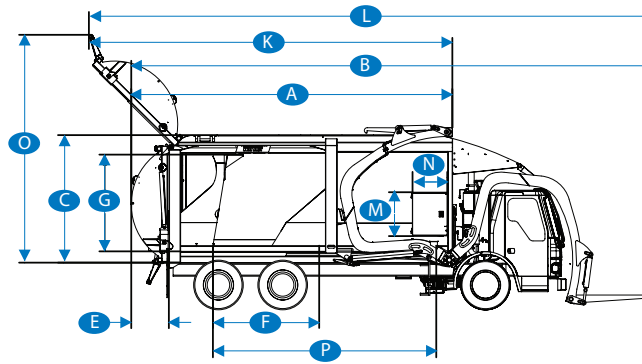
LABRIE



WITTKE



**INDUSTRIAL
LIFTERS®**



Dimensions

	Imperial		Metric	
	40 yd ³		31 m ³	
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: 8-gauge, HARDOX 450 high-strength steel 175,000 psi
Sides: Curved body sides: 1/8" HARDOX 450 high-strength steel 175,000 psi
Roof: Curved roof: 1/8" HARDOX 450 high-strength steel 175,000 psi
Cab shield: Curved shape with front part hinged: 12-gauge 50,000 psi
Long sills: HSSR 6" x 2" x 1/4" yield strength 50,000 psi

Total Body Capacities

Capacities: 32, 34, 36, 38, 40, 42 and 44 yd³

Hopper Specifications

Floor: Flat shape: 3/16", HARDOX 450 high-strength steel 175,000 psi
Side: Curved: 8-gauge, HARDOX 450 high-strength steel 75,000 psi
Long sills: HSSR 6" x 2" x 1/4" yield strength 50,000 psi
Access door opening: Steel, hinge type, 32½" wide x 39" high

Tailgate Specifications

Type: Curved bubble tailgate: 1/8", HARDOX 450 high-strength steel 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 yd³ (6 yd³ 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 175,000 psi
Bottom face plate: 3/16", HARDOX 450 high-strength steel 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 100,000 psi
Capacity: 8,000 lbs (standard)
..... 10,000 lbs (option)

Hydraulics

Operating pressure: 2,500 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 1½"
Forks: (2) double-acting cylinders bore 3½" x 19" stroke and 1¾" rod diameter
Lift arms: (2) double-acting cylinders bore 4½" x 45¾" stroke and 2" rod
Tailgate: (2) double-acting cylinders bore 2½" x 39" stroke, rod 1¾"

Productivity Data

Packer cylinders' force: 118,800 lbs at 2,500 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 yd³: 15,500 lbs

Note: Specifications subject to change without notice.



Large HARDOX steel hopper



Packer panel face with 'snow plow' effect



Durascope™ by Mailhot Industries pack/eject cylinders



HARDOX BODY CONSTRUCTION

The new Wittke Starlight 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 side walls are made of a single piece Hardox $\frac{1}{8}$ " thick rated at 175,000 psi that creates greater body strength and durability. With Hardox 8-gauge thick rated also at 175,000 psi, body floor will perform to 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 arm cycle which takes 12 to 14 seconds. All tubes are plated for resistance to corrosion, and hydraulic lines are strategically placed and protected.

LARGE AND STRONG HOPPER

With a 12 yd³ hopper, large or over-filled containers can be discharged more easily. Hopper walls are made of a single HARDOX steel formed piece 8-gauge rated at 175,000 psi and the hopper floor is made of $\frac{3}{16}$ " 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.

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 $\frac{3}{16}$ " thick HARDOX rated at 175,000 psi for higher abrasion resistance.

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.