

2RII®

REAR LOADER

Featuring the New
2001 Series Tailgate



The Most Versatile, Highest Compaction Full-eject Rear Loader

Built to Handle the Big Loads

The 2RII has proven its superiority for high compaction, durability and productivity ... over and over again. Now the patent-pending "load and stress sensing adaptive control" technology reduces the risk of tailgate stress due to operator errors and/or material obstructions. The large 3.5-cubic yard hopper handles both commercial and residential refuse with ease. Choose from a variety of body sizes and optional accessories for any application.

LEACH®

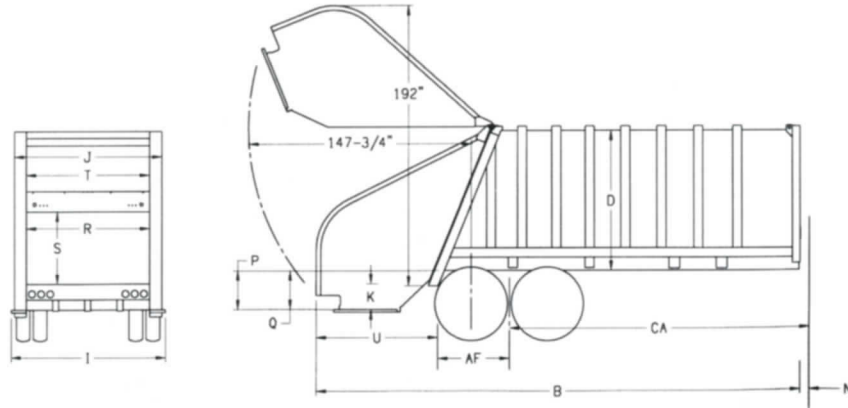
Designed for Optimum Strength and Performance

- Exclusive Floor-Trough™ design strengthens the entire body while providing a natural sump for liquid containment
- Body reinforcement channels strategically positioned for maximum strength
- Hardened operating cylinder rods
- Efficient telescopic ejection system standard
- Full exterior continuous body welds for greater strength
- Patent-pending load and stress sensing adaptive control technology

Built for Maintenance and Operating Efficiency

- Curbside dual-lever packing controls
- Low loading height for operator convenience
- Two-position, adjustable bolt on riding steps
- Safe, easy to use tailgate props are mounted outside for operator convenience
- Interchangeable packer and carrier cylinders
- Full range of optional container handling systems
- All lights are sealed, grommet-mounted, and shock resistant
- Upper rear light panel standard
- Heavy-duty, maintenance-free steel wiper angle
- Easily removable ejection panel shoes located front and rear of panel
- Maintenance friendly "Main Operating Valve Location", accessible from right-hand side of tailgate
- Light-weight, easily removable tailgate top sheet covers
- Meets ANSI Z245.1 safety standards

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2RII®

BODY DIMENSIONS	20 CU. YD.	25 CU. YD.	31 CU. YD.	15m ³	19m ³	24m ³
AF After Frame (52" Beam)	50"	50"	50"	1270 mm	1270 mm	1270 mm
B Overall Length	249"	270"	316"	6325 mm	6858 mm	8026 mm
CA To Centerline of Trunion (Note 2)	123"	144"	190"	3124 mm	3658 mm	4826 mm
D Height Above Chassis Frame	97"	97"	97"	2464 mm	2464 mm	2464 mm
I Body -- Outside Width	96"	96"	96"	2439 mm	2439 mm	2439 mm
J Body -- Inside Width	90"	90"	90"	2286 mm	2286 mm	2286 mm
K Hopper Depth	17"	17"	17"	432 mm	432 mm	432 mm
N Interference Point Above Chassis Frame	4"	4"	4"	102 mm	102 mm	102 mm
P Top of Step Below Chassis Frame	14"-17"	19"	19"	483 mm	483 mm	483 mm
Q Hopper Bottom Below Chassis Frame	22"	22"	22"	559 mm	559 mm	559 mm
R Hopper Opening Width	80"	80"	80"	2032 mm	2032 mm	2032 mm
S Hopper Opening Height	56"	56"	56"	1423 mm	1423 mm	1423 mm
T Hopper Inside Width	80"	80"	80"	2032 mm	2032 mm	2032 mm
U Rear of Body to Rear of Tailgate Closed	74"	74"	74"	1880 mm	1880 mm	1880 mm
• Height Above Chassis Frame (Tailgate Raised)	194"	194"	194"	4928 mm	4928 mm	4928 mm
• Loading Sill Below Chassis Frame (Non Tag Axle Body)	5"	5"	5"	127 mm	127 mm	127 mm
• Center of Gravity Measured From Front of Body						
-Body Only	117"	131"	151"	2972 mm	3328 mm	3836 mm
-Pay Load	94"	103"	120"	2388 mm	2617 mm	3048 mm
• Hopper, cubic yards	3.5 cu. yd.	3.5 cu. yds.	3.5 cu. yd.	2.7 m ³	2.7 m ³	2.7 m ³
• Approx. Body Weight	14,495 lbs.	15,020 lbs.	16,125 lbs.	6575 kg	6813 kg	7314 kg
• Min. Truck GVWR Requirement (Note 1)	46,000 lbs.	52,000 lbs.	60,000 lbs.	20,862 kg	23,583 kg	27,211 kg

- Notes: 1. Truck selected must be capable of carrying net weight of body plus weight of refuse to be collected.
2. CA must be usable with no obstructions protruding above frame.

Features

- Adjustable steps and stationary grab handles on both sides of tailgate
- Lightweight, two-piece black poly top sheets (covers) provide quick easy access and improves serviceability for hydraulic components
- Optimum tailgate seal height reduces chance of seepage
- Buzzer system enables loaders to signal driver (located both sides at rear)
- Dual-lever packing controls at rear of hopper, curbside
- Single-lever tailgate lift control is located at the front of body, street side
- Leach exclusive Two-by-Two paint process
- White color standard and recommended for high visibility, other colors available
- Meets all ANSI Z-245.1 Safety Standards

Due to our constant effort to offer the finest products available, we must reserve the right to change specifications without notice and without obligation to install them on units sold. Illustrations shown may include optional equipment and accessories, and may not include all standard equipment.

Hydraulic System

- Cylinders
 - (2) 6" double-acting packer plate cylinders*
 - (2) 6" double-acting carrier plate cylinders*
 - (1) Three (3) stage, double-acting ejection cylinder on 20 and 25 cu. yd. bodies
 - (1) Four (4) stage, double-acting ejection cylinder on 31" cu. yd. bodies
 - (2) 4" single-acting tailgate lift cylinders
- Packer and carrier plate cylinders are fully interchangeable, an exclusive with the 2RII.
- Pump
 - Leach -- gear type pressure compensating
 - Capacity -- 42 GPM @ 1,200 RPM
- Maximum Operating Pressure -- 1950 PSI
- Hydraulic Tank
 - Capacity -- 45 gallons
 - Location -- Right-hand front on floor inside body
 - Filters -- 141 micron in-line suction strainer with by-pass valve
 - 10 micron return line filter with by-pass valve
- Sight gauge -- located on tank at eye level

Body Construction

- Sides -- 11 gauge Hi-Tensile, 50,000 PSI, 80,000 PSI
- Top -- 11 gauge Hi-Tensile, 50,000 PSI, 80,000 PSI
- Floor -- 11 gauge 80,000 PSI
- Floor-Trough -- 5/16" 50,000 PSI

Tailgate Construction

- Hopper sides -- 1/4" 50,000 PSI
- Hopper bottom -- 1/4" 100,000 PSI
- Packer and carrier plates -- 3/16" 50,000 PSI
- Packer Face 1/4" 80,000 PSI
- Top Sheet easily removed for maintenance

Optional Equipment

- Container handling
- Cart tipper (S)
- Lighting packages
- Commercial application packages
- Demolition debris application packages
- Many others available upon request

LEACH®

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