

DEMPSTER

Driving into the Future

RFL™



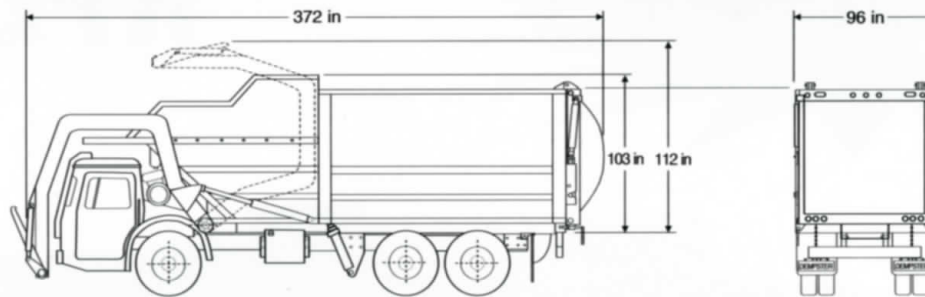
Residential Front Loader

- Light weight body design for larger legal payloads
- Low height
- Single button, fully automatic container dump and packer cycle
- Self-leveling forks
- Faster route times

supported by Dempster Parts Express

P.O. Box 1388, Highway 123 North, Toccoa, GA 30577 Ph 706.886.2327 Fx 706.886.4318 www.DempsterEquip.com sales@dempsterequip.com

RFL™ - High Productivity Residential Front Loader



FEATURES

- Short Wheelbase Requirements: Tandem axle - 185 in, Tri-axle - 197 in
- Lightweight body design
- Low body height
- Low center of gravity
- 15 second container dump cycle
- Automatic container dump cycle
- Manual joystick control override
- Self leveling forks
- Load sensing hydraulics
- Automatic packing cycle after each container dump cycle
- Top and bottom packer blade shoes
- Packer blade with follower for uninterrupted container dump cycles
- Hopper extensions and brush trim
- Hydraulic tailgate locks with manual turnbuckles
- Pressurized hydraulic reservoir
- Optional residential container with front or side mount cart tippers

BODY SPECIFICATIONS

Body Volume	26 cu.yd	(199 m ³)
Hopper Capacity	7 cu.yd	(5.3 m ³)
Total Volume	33 cu.yd	(25.2 m ³)
Body Height (Above Chassis Frame)	103 in	(2616 mm)
Body Weight	13,500 lb	(6124 kg)
Body Length (Incl. Arms)	372 in	(9448 mm)
Residential Container (Optional)	3 cu.yd	(2 m ³)

Sold and Serviced by:



DEMPSTER EQUIPMENT COMPANY,
P.O. Box 1388, Highway 123 North, Toccoa, GA 30577
TOLL-FREE 1-888-DEMPSTER/(706) 866-2327/Fax: (706) 886-4318

MINIMUM CHASSIS REQUIREMENTS

Front GAWR	18,000 lb	(8165 kg)
Rear GAWR	44,000 lb	(20,866 kg)

Consult Dempster Engineering for additional details and specific applications.

MATERIAL SPECIFICATIONS

COMPONENT	THICKNESS	
Body Floor	3/16 in	(4.8 mm)
Hopper Floor	3/16 in	(4.8 mm)
Packer Lower Face	3/16 in	(4.8 mm)
Body Sidewalls	3/16 in	(4.8 mm)
Roof	11 ga	(304 mm)
Tailgate	11 ga	(304 mm)
Forks	1 in	(254 mm)

HYDRAULIC SYSTEM

CAPACITY

Hydraulic Pump, Variable Output	40 gal @ 1100 RPM (151 liters)
Hydraulic Oil Reservoir	35 gal (132 liters)

PRESSURE

System Operating Pressure	3000 psi (21 MPa)
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FILTRATION

Return Line Filter	10 micron
Pressure Filter	10 micron
Intank Suction Strainer	
Suction line shut-off mounted near oil tank	

CYLINDERS

	BORE DIA. x ROD DIA. x STROKE, in (mm)	
(2) Arm	4 x 2 1/2 x 32	(102 x 64 x 813)
(2) Fork	3 x 1 1/2 x 20	(76 x 38 x 508)
(2) Body Tilt to Dump	3-Stage Telescopic	
(2) Tailgate Lift	2 1/2 x 1 1/2 x 24	(64 x 38 x 610)
(2) Packer	4 1/2 x 3 x 45	(114 x 76 x 1143)

All designs, specifications and components are subject to change at the manufacturer's sole discretion at any time without notice. Data published herein is informational in nature and shall not be construed to warrant suitability of the unit for any particular purpose, as performance may vary with the conditions encountered.