

DEMPSTER

Driving into the Future

RECYCLE ONE™

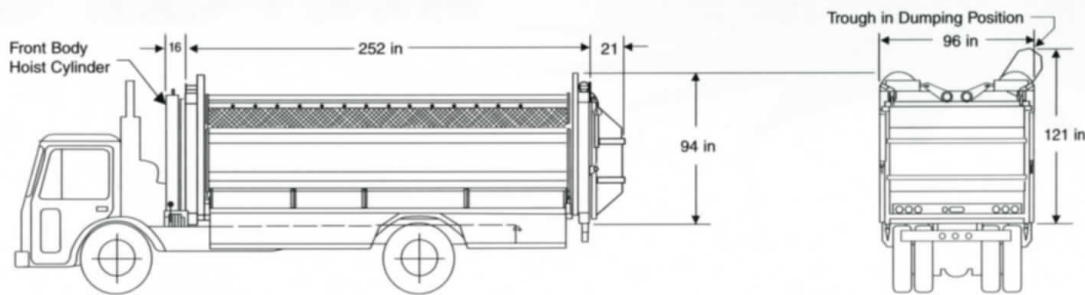


Curbside Recycling Loader

- Single or dual-side loading with cart dumpers optional
- Low trough loading height
- 12-second trough cycle
- Variable number and size of compartments

supported by Dempster Parts Express

RECYCLE ONE™ - Automated Curbside Recycling Loader



FEATURES

- Single side or dual-side models available
- Variable number and size of compartments
- 12 second trough cycle
- Low trough loading height - only 5 in (127 mm) above the chassis frame
- Choice of body capacities
- Material level viewing port
- Trough travel system features Ultra High Molecular Weight polyethylene phenolic-filled rollers/stabilizers
- In cab controls for body tilt, partition and tailgate locks
- Trough dumping controls located behind cab on each side of vehicle
- Easy-access hydraulic system
- Visual indicators ensure that partitions are reset and locked after dumping

STANDARD BODY SPECIFICATIONS

Body Volume (Excluding Tailgate)		
Dual Side	31 cu.yd	(24 m ³)
Single Side	36 cu.yd	(28 m ³)
Loading Trough Volume (Each)		
	1 1/2 cu.yd	(11 m ³)
Body Length		
	252 in	(6400.8 mm)
With 2 cu.yd (15 m ³) Tailgate, add	21 in	(533.4 mm)
With 4 cu.yd (30 m ³) Tailgate, add	36 in	(914.4 mm)
For Front Mounted Hoist, add	16 in	(406 mm)
Body Width		
	96 in	(2438 mm)
Body Height (above Chassis Frame)		
	94 in	(2388 mm)
Trough Dumping Height, above chassis rail		
	121 in	(3073 mm)

Sold and Serviced by:

CHASSIS REQUIREMENTS

Front GAWR	10,000 lb (4545 kg)
Rear GAWR	23,000 lb (10,455 kg)

Consult Dempster Engineering for additional details and specific applications.

MATERIAL SPECIFICATIONS

COMPONENT	THICKNESS	
Body Floor	10 ga	(3.4 mm)
Sidewalls	10 ga	(3.4 mm)
Top Loading Door	14 ga	(2.3 mm)
Body Partitions	10 ga	(3.4 mm)
Loading Trough	12 ga	(2.7 mm)

HYDRAULIC SYSTEM

CAPACITY	
Hydraulic Pump	27 gal/min @ 1000 RPM (102 liters)
Hydraulic Reservoir	30 gal (113 liters)

PRESSURE	
System Operating Pressure	1000 psi (6.9 MPa)

FILTRATION	
Return Line Filter	10 microns
Suction Strainer, external	
Suction line shut-off mounted near oil tank	

CYLINDERS		BORE DIA. x ROD DIA. x STROKE, in (mm)
(1) Body	3-Stage Telescopic	
Trough/Roof	4 x 2 x 22 1/2	(102 x 51 x 572)
(2) Tailgate Latch	2 1/2 x 1 1/2 x 16	(63.5 x 38.1 x 406)



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