

DEMPSTER

Driving into the Future

RECYCLE-PAC II™



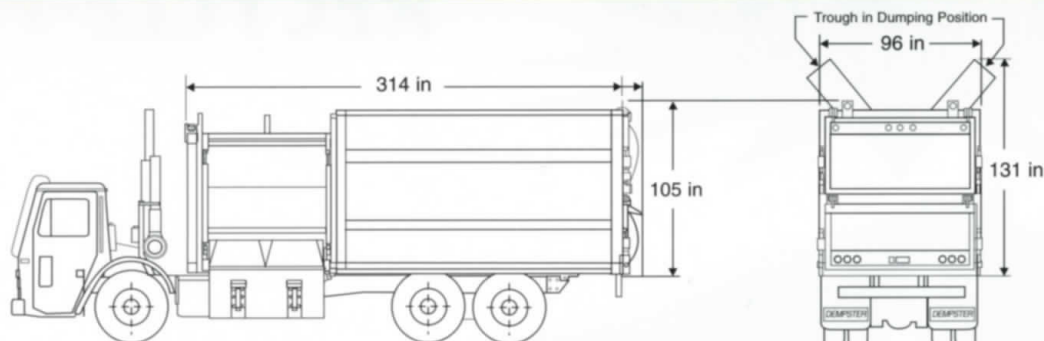
Two-Compartment Collection/Compaction

- Single or dual side loading with cart dumpers optional
- Independent control of each tailgate from the cab
- Choice of body capacities; 55% top/45% bottom volume split
- Automatic compaction after each cycle

supported by Dempster Parts Express

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RECYCLE-PAC II™ - Two-Compartment Collection/Compaction Vehicle



FEATURES

- Trough cycle time 12 sec; packer 22 sec
- Choice of body capacities
- Standard compartment split of 55% top/45% bottom
- Single set of cylinders operate both packer blades
- Easy-loading-height bins at front of body
- Automatic packing with each cycle
- Pneumatic or hydraulic operated tailgates
- Packer shoes replaceable without removing packer blade
- Cushioned trough lift cylinders
- Pack on the run
- Optional cart dumper attachments

BODY SPECIFICATIONS

Upper Hopper Capacity	1.5 cu.yd	(1.1 m ³)
Lower Hopper Capacity	2.7 cu.yd	(2.1 m ³)
Body Height (Above Chassis Frame)	105 in	(2667 mm)
Body Length (40 cu.yd Body)	314 in	(7977 mm)
Dump Angle	34°	

Sold and Serviced by:

CHASSIS REQUIREMENTS

	60 cu.yd	34 cu.yd
Front GAWR	18,000 lb (8165 kg)	16,000 lb (7273 kg)
Rear GAWR	44,000 lb (20,866 kg)	40,000 lb (18,182 kg)

Consult Dempster Engineering for additional details and specific applications.

MATERIAL SPECIFICATIONS

COMPONENT	THICKNESS
Hopper Sidewalls	10 ga (3.4 mm)
Compaction Body Sidewalls	3/16 in (4.8 mm)
Compaction Body Top	11 ga (3.1 mm)
Compaction Body Floor	11 ga (3.1 mm)
Hopper Floors	3/16 in (4.8 mm)
Hopper Cover	14 ga (2.3 mm)
Packer Blade Face:	
Upper	7 ga (4.6 mm)
Lower	7 ga (4.6 mm)
Trough Back Wall (Polyethylene)	1/4 in (6.4 mm)
Tailgate	11 ga (3.1 mm)
Roof	11 ga (3.1 mm)

HYDRAULIC SYSTEM

CAPACITY

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

PRESSURE

System Operating Pressure	1,300 psi (10.3 MPa)
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FILTRATION

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

CYLINDERS

	BORE DIA. x ROD DIA. x STROKE, in (mm)
Body (Tilt to Dump)	
(1) 34 cu.yd	3-Stage Telescopic
(2) 40 cu.yd	2-Stage Telescopic
(2) Hopper Cover/Trough Lift	4 x 2 x 22 1/2 (102 x 51 x 572)
(2) Packer	4 x 2 1/2 x 42 (102 x 64 x 1067)
Tailgate Latch Cylinders	
(4) Pneumatic, Standard	3 x 3/4 x 4 (76 x 19 x 102)
(4) Hydraulic, Optional	2 1/2 x 1 1/2 x 16 (64 x 38 x 406)



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