

DEMPSTER

Driving into the Future

DM 2™

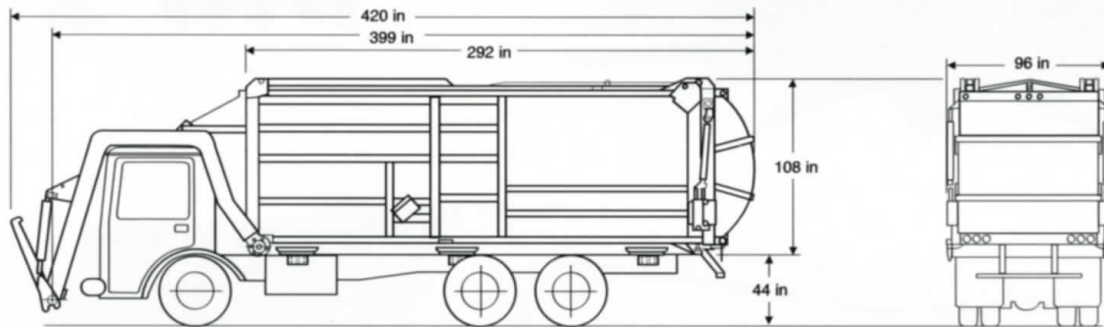


Front Loader

- Packer head geometry maximizes payload and prevents spillage
- Dual crossed double-acting cylinders provide high packing power and smooth operation
- Automated mid-pack for faster cycles, higher compaction

supported by Dempster Parts Express

DEMPSTER DM2™ - High Productivity, Versatile Front Loader



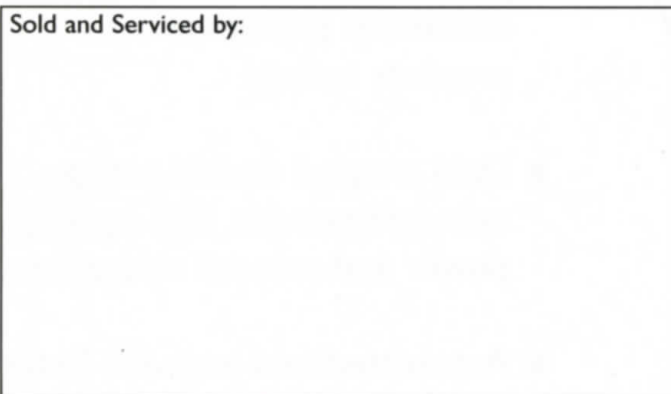
FEATURES

- Short Wheelbase:
 - Tandem 181 in (4597 mm)
 - Tri-axle 210 in (5334 mm)
- Container dump cycle time 16 seconds, packing cycle 30 seconds
- High strength curved side walls
- Dual crossed double acting cylinders
- Mid-Pack body design
- Packer shoes replaceable without removing packer blade
- Pack on the run
- Cab-controlled hydraulic tailgate lock/unlock
- Full-eject or tilt body configurations
- Air over hydraulic controls

BODY SPECIFICATIONS

Total Body Volume	40 cu.yd (30.6 m ³)
Hopper Capacity	12 cu.yd (9.2 m ³)
Body Height (Above chassis Frame)	108 in (2756 mm)
Body Height, Full Tilt (Above Frame)	210 in (5334 mm)
Dump Angle (Tilt Body)	30°
Body Weight	Approx. 18,500 lb (8392 kg)
Body Length (Incl.Arms)	420 in (10,666 mm)

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/Fx: (706) 886-4318

MINIMUM CHASSIS REQUIREMENTS

Front GAWR	18,000 lb (8165 kg)
Rear GAWR	44,000 lb (19,958 kg)

Consult Dempster Engineering for additional details and specific applications.

MATERIAL SPECIFICATIONS

COMPONENT	THICKNESS
Body and Hopper Floors	1/4 in (6.4 mm)
Packer Lower Face	1/4 in (6.4 mm)
Packer Mid-Face	3/16 in (4.8 mm)
Packer Upper Face	10 ga (3.4 mm)
Front Sidewalls	7 ga (4.4 mm)
Rear Sidewalls	11 ga (3.1 mm)
Roof	12 ga (2.7 mm)
Forks	1 in (25.4 mm)

HYDRAULIC SYSTEM

CAPACITY

Hydraulic Pump	40 gal/min @ 1000 RPM (151 liters)
Hydraulic Oil Reservoir	55 gal (208 liters)

PRESSURE

System Operating Pressure	2000 psi (13.8 MPa)
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FILTRATION

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

CYLINDERS

	BORE DIA. x ROD DIA. x STROKE, in(mm)
(2) Arm	5 x 2 1/2 x 46 7/8 (127 x 64 x 1191)
(2) Fork	4 x 2 x 24 (102 x 51 x 610)
(2) Body Tilt to Dump 3-Stage Telescopic	5 1/2, 4 1/2, 3 1/2 (140, 114, 89) x 63 7/8 (1603)
(2) Tailgate Lift	3 x 1 3/4 x 41 3/4 (76 x 44 x 1060)
(2) Packer, Tilt to Dump	6 x 4 1/2 x 71 1/2 (152 x 114 x 1816)
(2) Packer, Full Eject 3-Stage Telescopic	6 1/2, 5 1/2, 4 1/2 (165, 140, 114) x 176 (4470)
Hopper Door	2 1/2 x 2 x 97 1/2 (64 x 51 x 2476)

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.