

DEMPSTER

Driving into the Future

ROUTEKING II™



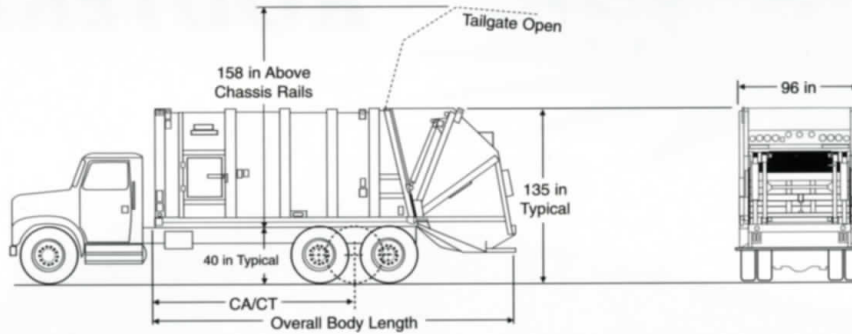
High-Compaction Rear Loader

- Consistent 1000 lbs per cu.yd payloads
- Swing-link packer design eliminates slides, tracks and rollers
- Pre-crushing in the hopper
- Simplified hydraulics for ease of maintenance

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

ROUTEKING II™ - High-Compaction Rear Loader



FEATURES

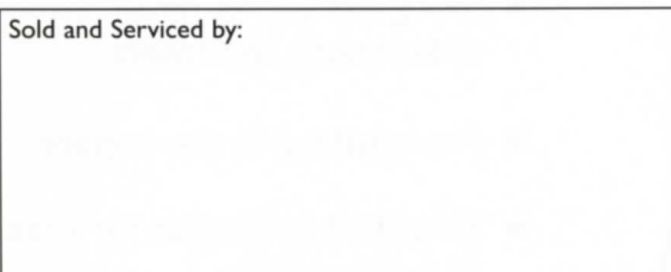
- Pre-crushes in the hopper
- Swing link packer design, no slides, tracks or rollers
- Large 3 cu.yd hopper
- Single lever packer control
- Extra heavy-duty hopper floor and sides with wear laminate
- Full welded body and tailgate
- Rugged, full-stroke ejection
- Consistent 1000 lbs per cu.yd pay loads
- Chassis mounted hydraulic oil reservoir
- High mount light bar
- Available in 4 body sizes
- Packing cycle 24-26 seconds
- Reload Time 10-12 seconds

BODY SPECIFICATIONS

MODELS		16	20	25	32
COMPACTION VOLUME	cu.yd (cu.m)	16.1 (12.3)	20.1 (15.4)	25.1 (19.2)	32.1 (24.5)
BODY WEIGHT	lbs (kg)	11,900 (5409)	12,500 (5670)	13,400 (6078)	15,500 (7031)
OVERALL BODY LENGTH	in (mm)	204 (5182)	232 (5969)	268 (6807)	316 (8026)
BODY HEIGHT ABOVE CHASSIS (Without Options)	in (mm)	95 (2413)	95 (2413)	95 (2413)	95 (2413)

CA/CT	Body Size	16 cu.yd	20 cu.yd	25 cu.yd	32 cu.yd
	CA/CT	130 in	150 in	150 in	180 in
Overall Body Length	Body Size	16 cu.yd	20 cu.yd	25 cu.yd	32 cu.yd
	CA/CT	204 in	232 in	268 in	316 in

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

CHASSIS REQUIREMENTS

	16 cu.yd	20 cu.yd	25 cu.yd	32 cu.yd
Front GAWR	12,000 lb (5443 kg)	12,000 lb (5443 kg)	16,000 lb (7527 kg)	18,000 lb (8165 kg)
Rear GAWR	32,000 lb (14,515 kg)	32,000 lb (14,515 kg)	44,000 lb (19,958 kg)	44,000 lb (19,958 kg)

Consult Dempster Engineering for additional details and specific applications.

MATERIAL SPECIFICATIONS

BODY

Body Floor:

16, 20 & 25 cu.yd

32 cu.yd

Sidewalls

Roof

Ejector Panel

THICKNESS

10 ga (3.4 mm)

7 ga (4.6 mm)

11 ga (3 mm)

12 ga (2.7 mm)

10 ga (3.4 mm)

TAILGATE

Sidewall, Upper

Sidewall, Hopper

Floor, Hopper

Packer Blade Face

Link Shield Face

10 ga (3.4 mm)

1/4 in (6.3 mm)

1/4 in (6.3 mm)

3/8 in (9.5 mm)

1/4 in (6.3 mm)

HYDRAULIC SYSTEM

CAPACITY

Hydraulic Pump

Hydraulic Oil Reservoir

40 gal/min @ 1000 RPM (151 liters)

55 gal (208 liters)

PRESSURE

System Operating Pressure

2300 psi (15.8 MPa)

FILTRATION

Return Line Filter

Intank Suction Line Strainer

Suction line shut-off mounted near oil tank

10 Micron

CYLINDERS

(1) Ejector

(2) Tailgate Lift

(2) Packer Blade

(2) Link Shield

BORE DIA. x ROD DIA. x STROKE, in (mm)

Multi Stage Telescopic

4 x 37 x 3 1/2 (101.6 x 939.8 x 88.9)

5 x 27 x 3 (127 x 686 x 76.2)

6 x 34 x 2 1/2 (152.4 x 864 x 63.5)

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.