



# ROUTEKING II™

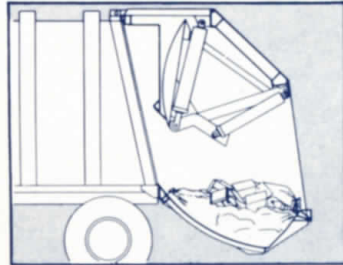
## High-Compaction Rear Loader

- Large capacity 3 cubic yard hopper
  - Pre-crushing in the hopper
- Swing-link packer design eliminates slides, tracks and rollers
  - Proven evolutionary design

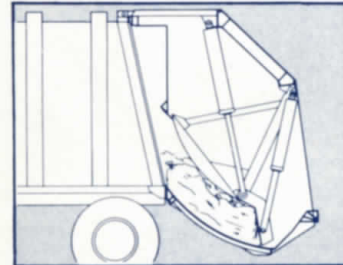
# ROUTEKING II™ High-Compaction Rear Loader

## FEATURES

- Pre-packs in the hopper
- Swing link packer design instead of slides, rollers and tracks
- 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



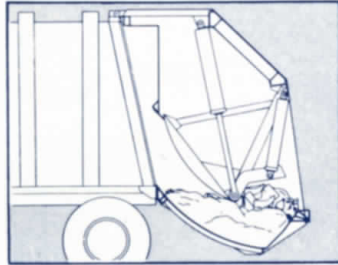
**Hopper Packing Sequence.**  
**Start.** Packer blade moves upward.



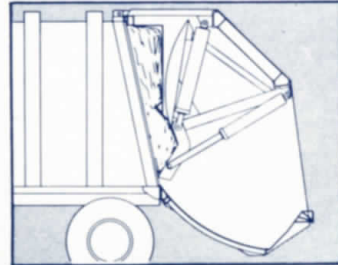
**Pre-pack.** Blade pre-crushes material against the reinforced hopper floor.

## BENEFITS

- Higher payload
- Jam-free packing
- Faster loading
- Operator ease
- Longer hopper life
- Stronger, eliminates rust
- Easy, fast ejection



**Mid-cycle.** Blade moves to rear and down, stops automatically above loading sill.



**Pack.** Refuse is forced upward and packed into body.

## MATERIAL SPECIFICATIONS

(HIGH-TENSILE STEEL)	MODELS	THICKNESS	
Body Floor	20 & 25 32	10 ga. 7 ga.	(3.4 mm) (4.6 mm)
Sidewalls		11 ga.	(3.0 mm)
Roof		12 ga.	(2.7 mm)
Ejector Panel		10 ga.	(3.4 mm)
<b>TAILGATE:</b>			
Sidewall, Tailgate		10 ga.	(3.4 mm)
Sidewall, Hopper		.25 in.	(6.3 mm)
Floor, Hopper		.25 in.	(6.3 mm)
Packer Blade Face		.38 in.	(9.5 mm)
Link Shield Face		.25 in.	(6.3 mm)

## HYDRAULIC SYSTEM

### CAPACITY:

Total System	80 gal.	(303 L)
Oil Reservoir	69 gal.	(261 L)

### PRESSURE & FLOW:

System Rating	2300 PSI @ 60.6 PM
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### FILTRATION:

Return Line Filter	15858 KPA @ 227.1LPM
Suction Line Strainer	10 Micron
	100 Mesh

### CYLINDERS:

Ejector	Bore x Stroke, Rod Dia.
	Multi Stage Telescopic
Tailgate Lift	4.0 in. x 37 in., 3.5 in. (101.6 mm x 939.8 mm x 88.9 mm)
Packer Blade	5.0 in. x 27 in., 3 in. (127 mm x 686 mm, 76.2 mm)
Link Shield	6.0 in. x 34 in., 2.5 in. (152.4 mm x 864 mm, 63.5 mm)

### PERFORMANCE SPECIFICATIONS:

Packing Cycle	24-26 sec.
Reload Time	10-12 sec.

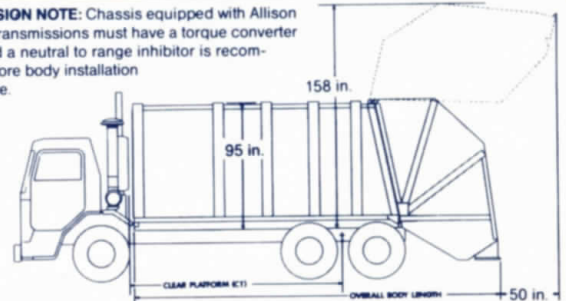
### PUMPS:

Crankshaft Driven and Transmission PTO  
Pumps of Various Manufacturers Available

## BODY SPECIFICATIONS

MODELS		20	25	32
COMPACTION VOLUME	cu. yd.	20.1	25.1	32.1
	(cu. m)	(15.4)	(19.2)	(24.5)
BODY WEIGHT	lbs.	12,500	13,400	15,500
	(kg)	(5670)	(6078)	(7031)
OVERALL BODY LENGTH	in.	232	268	316
	(mm)	(5969)	(6807)	(8026)
BODY HEIGHT ABOVE CHASSIS (Without Options)	in.	95	95	95
	(mm)	(2413)	(2413)	(2413)
<b>CHASSIS REQUIREMENTS:<sup>1</sup></b>				
CLEAR PLATFORM <sup>2</sup>	in.	115-125	140-160	180-210
	(mm)	(2921-3175)	(3556-4064)	(4572-5334)
MIN. FRAME CUT-OFF (Rear-most Axle to Frame End)	in.	22	22	22
	(mm)	(559)	(559)	(559)
RECOMMENDED GAWRF	lbs.	12,000	16,000	18,000
	(kg)	(5443)	(7257)	(8165)
RECOMMENDED GAWRR	lbs.	32,000	34,000	44,000
	(kg)	(14515)	(15422)	(19958)

**TRANSMISSION NOTE:** Chassis equipped with Allison Automatic Transmissions must have a torque converter lock up, and a neutral to range inhibitor is recommended before body installation can be made.



<sup>1</sup>CONTACT DEMPSTER INC. for additional details and other applications.  
<sup>2</sup>CLEAR PLATFORM (CT) is the dimension from any item (muffler, transmission shifter housing, etc.) extending behind the cab and above the top of the frame which will interfere with body mounting, to the center line of the trunion of the tandem axle.

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.

# DEMPSTER

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