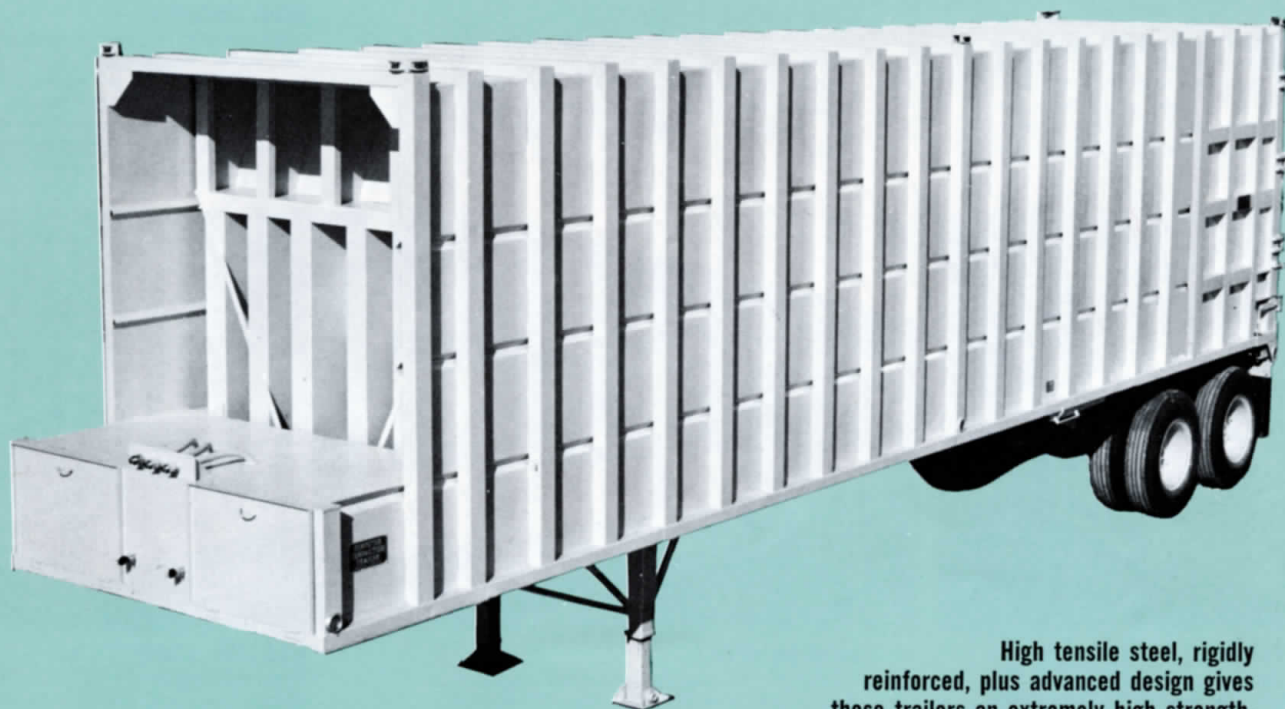


THE DEMPSTER *Transport Trailer* 65 & 75 Cu. Yd.

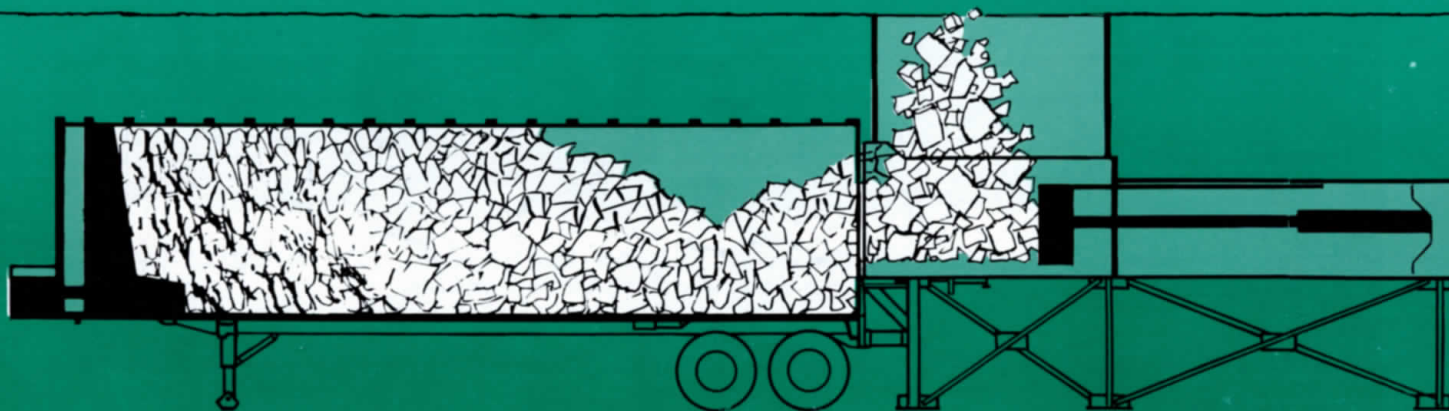
FOR USE WITH REFUSE TRANSFER PACKER

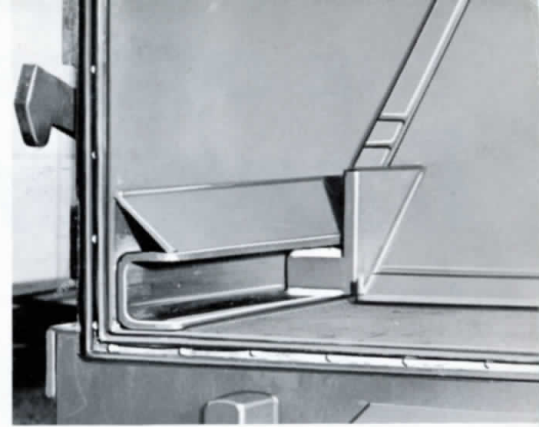
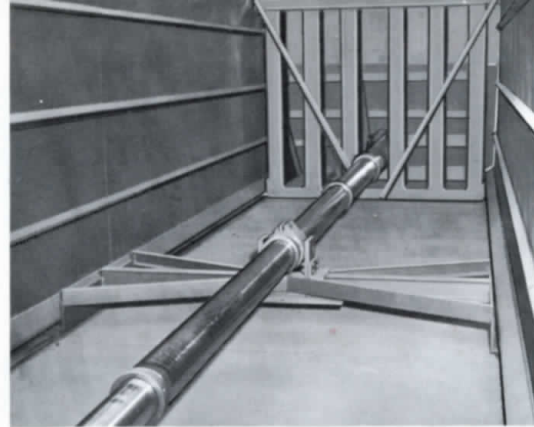


High tensile steel, rigidly reinforced, plus advanced design gives these trailers an extremely high strength-to-weight ratio assuring maximum legal payloads.

The Dempster Transport Trailer, available in 65 and 75 cu. yd. models, is used in conjunction with the Dempster Refuse Transfer Packer which hydraulically forces refuse through the upper rear door opening. As the trailer fills, pressure on the confined material increases, causing it to be compacted into a dense mass of greatly

reduced volume. The conventional fifth-wheel tractor equipped with a hydraulic power unit, provides hydraulic force through wet-line connections to the trailer's telescopic cylinder and ejection plate. As this plate moves to the rear, the refuse is pushed out at the disposal area.





REAR DOORS

Side hinged, independently latched upper door admits material from refuse transfer packer. The lower door prevents feed back and spillage of material. It is fitted with a Neoprene gasket, a side latch and four wedge latches. Construction is of high-tensile steel, rigidly reinforced.

MID-CYLINDER SUPPORT

Mid-cylinder support travels with center section of telescopic cylinder to prevent sag in cylinder during ejection cycle. This unique feature prevents the undue wear experienced with telescopic cylinders which are unsupported.

GUIDE CHANNEL

Guide channel mounted at side wall provides full width, unobstructed floor and assures maximum stability of ejection plate. Full length, heavy duty steel guide channel is reinforced with a diagonal brace for added strength and seam welded to the floor and side wall to assure a water tight interior.



LOCKING DEVICE

An automatic locking device engages as the trailer is backed into loading position. Hard rubber pads absorb shock of coupling operations.

LANDING GEAR

120,000 pound capacity, two speed, retractable landing gear with pad type feet and diagonal bracing provides maximum stability and ease of operation.

WET LINE CONNECTIONS

Three quick-connect lines are mounted on the trailer. Power is supplied by a tractor mounted hydraulic system.

SPECIFICATIONS

BODY CONSTRUCTION

Floor: 10 ga. Hi-tensile steel, reinforced
 Walls and Top: 12 ga. Hi-tensile steel, reinforced
 Door: 12 ga. steel, reinforced
 Ejection Plate: 10 ga. Hi-tensile steel, reinforced

TRAILER CONSTRUCTION

Suspension and Axles: 40,000 lb. suspension spring and torque arms. Two, 20,000 lb. oil lubricated axles.
 Landing Gear: Two-speed retractable, pad feet, 120,000 lb. capacity, diagonal bracing.

Kingpin: Standard SAE for 49" high fifth wheel.
 Tires: Eight, 10-00 x 20 12-ply plus tubes and contour f'aps.
 Wheels: 20" Spoke-type.
 Brakes: Air, 16½" X 7" X ¾" HD axle-mounted with adjusters, service and emergency connections. Conforms to Federal Motor Vehicle Safety Standard 108.
 Lighting:
 Power Unit Controls Manual: From cab of tractor

Model	Approx. Weight	OVERALL			Sump Capacity	TELESCOPIC CYLINDER		
		Length	Height*	Width		Stages	Diameters	Thrust
65 cu. yd.	23,700 lb.	38' 6"	12' 1"	8'	16 gal.	5	8½"—4½"	85,000 lbs.
75 cu. yd.	24,700 lb.	38' 6"	13' 1"	8'	16 gal.	5	8½"—4½"	85,000 lbs.

*Based on 49" fifth wheel height.

Dempster Brothers, Inc. constantly seeks ways to improve and upgrade its products. For this reason, design changes are sometimes made. If any dimension or capacity is critical, check with the factory for current specifications.

DEMPSTER BROTHERS, INC. KNOXVILLE, TENN./Western Division; Compton, California