



# TRANSFER TRAILERS

MODELS AT-75/AT-85/AT-95

**Ace Transfer Trailers** are specifically designed to economically transport high tonnages of solid waste to distant disposal sites. Bulk refuse can be compacted to a fraction of its original volume in these 65 and 75 cubic yard trailers . . . into dense payloads of up to 30 tons depending on the type of solid waste.\*

At the disposal site, refuse is automatically emptied by Ace's "Traveling Anchor" hydraulic compaction/ejection system . . . or the standard "Single Sweep System."

Ace transfer trailers are normally rear loaded. An Ace transfer compacter is recommended for

high volume transfer stations. Top loading door is available as an option.

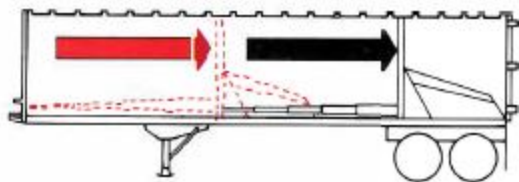
Ace transfer trailer bodies are of welded steel, unitized, frameless construction . . . 2,000 to 4,000 lbs. lighter than competitive units using longitudinal frame construction. Less dead-weight! More legal payload! High-tensile steel side walls greatly increase strength without increasing weight. And interior surfaces are free of obstructions for fast, complete-load ejection.

\* Check your state's highway weight laws.



T-track center rail on trailer floor provides positive guidance for compaction/ejection panel . . . prevents racking and jamming. T-track also serves as a guide and support for the hydraulic cylinder as it telescopes during ejection cycle.

## Ejection Ram



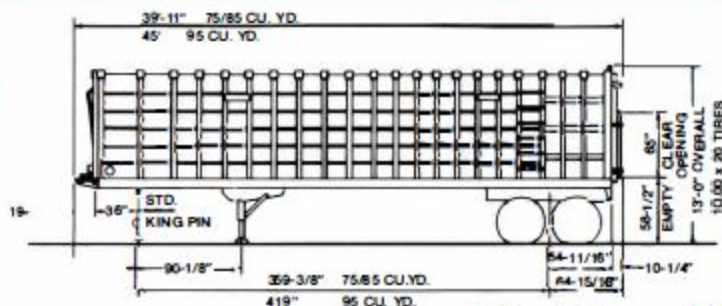
Hydraulic compact/ejection system delivers powerful unloading thrust. Initial force of 99,000 lbs. starts load surging to rear of trailer. Allows the contents to be removed in a smooth continuous motion. Ejection process is less than ONE Minute!



Standard rear tailgate of "door-in-a-door" design. Ejection door is side-hinged with heavy-duty locking mechanism on right or left as required. Lower door is designed to accommodate stationary packer . . . can be sized to handle a variety of makes.



# ACE TRANSFER TRAILERS SPECIFICATIONS



## OPTIONAL FEATURES



**TOP-HINGED TAILGATE**, hydraulically operated, assured fast, safe unloading. No "swinging door" problems when opening under load... or dumping on uneven terrain. Minimized stress on hinge areas reduces maintenance.



**TOP-LOADING DOOR**, hydraulically operated, is ideal for jobs involving up to 60 tons per day...and for light bulky materials such as brush and tree trimmings. Ejection panel is used to pack the load to high densities.



**AUXILIARY ENGINE** makes trailer a self-contained system...relieves tractor of being permanently "married" to the unit. Recommended for top-loading jobs...and for operations where the tractor is from a fleet not equipped with the PTO and hydraulic wet kit.

	AT-75	AT-85	AT-95
Effective Payload Capacity	75 cu. yds.	85 cu. yds.	95 cu. yds.
Overall Length	40	45	45
Overall Length w/Optional Aux. Engine	40	45	45
Width	96"	96"	96"
Overall Height	13'	13'	13'3"
Approx. Weight (empty)	27,750 lbs.	28,900 lbs.	
(With Auxiliary Engine)	30,750 lbs.	31,900 lbs.	
Recommended C/T	102"	102"	
Fifth Wheel Height	49-51"	49-51"	

**BODY CONSTRUCTION:** Unitized, frameless design of welded steel. Full boxed reinforcement on sides and roof. Floor 3/16" hi-tensile, sides and roof #12 gauge hi-tensile. Heavy-duty cross-members and understructure.

**TAILGATE:** Manually operated, side hinged, barn door. Boxed reinforcement. Heavy-duty hardware. When operated with stationary packer, proper sized opening is furnished in barn door with close-off door.

**COMPACTOR LOCK:** Reinforced suspension frame incorporates center-lock receiver bar for single-point coupling to stationary packer.

**EJECTION SYSTEM:** Hydraulic cylinder is 5-stage, double-acting, telescopic with optional slide-bar anchor. 8 1/2" main bore. Rated thrust 99,000 lbs. Controls mounted at front of trailer.

**HYDRAULIC POWER UNIT:** Tractor mounted wet kit with hydraulic pump (38 GPM @ 1600 RPM), oil reservoir control valve and all piping. Drive line parts.

**AUXILIARY ENGINE (OPTIONAL):** Minimum 60 HP with vane type hydraulic pump (36 GPM @ 1800 RPM.)

**TOP LOADING DOOR (OPTIONAL):** Hydraulically operated. Minimum opening 86" x 110 1/2".

**TOP-HINGED (OPTIONAL):** Hydraulically operated.

**Axes** ..... 25,000 lb. capacity each

**Wheels** ..... 11R22. 5 10 Hole Uni-Mount

**Tires** ..... 11 R 22. 5

**Rims** ..... 20 x 7-50 two-piece

**Brakes** ..... 16 1/2" x 7" full air with quick-disconnect couplers mounted at front of trailer (comply with all D.O.T. requirements)

**Suspension** ..... 44,000 lb. capacity

**Kingpin** ..... SAE standard, 36" from front. Optional 24" & 18" available

**Tandem Axle** ..... 54-11/16" from rear to center line

**Landing Gear** ..... Heavy-duty, 2-speed crank type with foot pads, 120,000 lb. static load capacity

**Lights** ..... Federal Regulation #108

**Mud flaps** ..... Standard rubber composition at rear

**Paint** ..... Prime coat, one finish coat (enamel)

**LOAD DISTRIBUTION:** Standard dimensional configuration allows 40% of payload volume on kingpin of trailer, 60% on tandem axle.

Brother's Equipment, Inc. may change specifications or pricing without notice. Please consult the factory personnel to confirm specifications or prices prior to ordering equipment or quoting availability of equipment. Options and special applications are available. Consult with the factory personnel for specific details.

Over 80 YEARS OF SERVICE

Distributor

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**ACE**