

SPECIFICATIONS

COMMERCIAL/MUNICIPAL DUMP BODY

TARCO® 3000 Model	T-3000-9	T-3000-10	T-3000-11	T-3000-12	T-3000-13	T-3000-14
Inside Length	9'	10'	11'	12'	13'	14'
CA/CT* Recommended	CA-84"	CA-96"	CA-108"	CT-96"	CT-108"	CT-120"
Capacity (Cubic Yards Level)	5.4	6.0	6.6	9.7	10.5	11.3
Hoist-Class NTEA Rated	50	50	50	80	80	80
Conveyor Width	18"	18"	18"	18"	18"	18"
Vertical Side Gussets	1	1	1	2	2	2
Central Grease Manifold	Standard	Standard	Standard	Standard	Standard	Standard
Urethane Front Spinner	20"	20"	20"	20"	20"	20"
Standard Tailgate Height	38"	38"	38"	48"	48"	48"
Standard Side Height	30"	30"	30"	40"	40"	40"

* CA:Cab to Axle / CT: Cab to Tandem (consult factory for specific installations)
 Other sizes and dimensions are available upon request.
 Note: To figure the load any model will carry, use these approximate material weights:
 1 cubic yard dry salt: 2200 lbs & 1 cubic yard wet sand: 3300 lbs.

Distributed By:

Manufactured By:



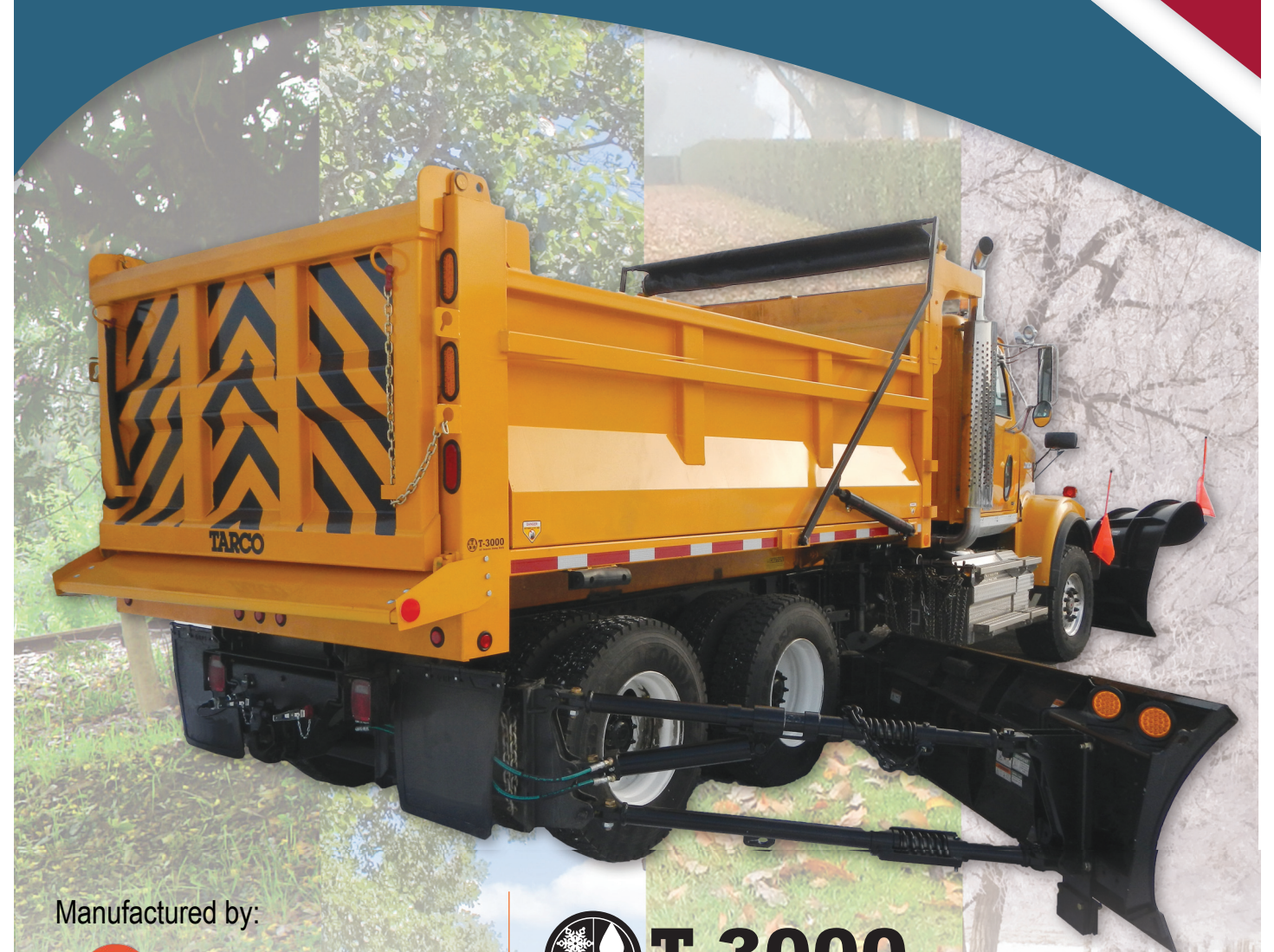
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TARCO®

SNOW & ICE CONTROL SPREADERS



Manufactured by:



A versatile all season dump/body spreader with side dump for year round use.

COMMERCIAL/MUNICIPAL DUMP BODY

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T-3000 COMMERCIAL/MUNICIPAL DUMP BODY

The All Season Dump Body/Spreader, manufactured by TYMETAL, is a conventional dump body year round and features a side dump material spreader for winter snow and ice control. This heavy duty dump body has fully welded seams and includes an integral conveyor and spinner assembly designed to spread salt, sand and mixtures for snow and ice control.

DUMP BODY CONSTRUCTION

The TARCO® T-3000 is constructed entirely of 3/16" thick steel construction. Type 304 stainless steel is optional. All seams are fully welded. The long sills are formed from 3/8" thick steel. The floor sheet is constructed from one piece of 3/16" thick steel. The body sides are braced with both front and rear corner posts. The sides are equipped with at least one vertical side gusset and a tubular top rail for added strength. Sides also feature a dirt shedder rub-rail. The top rail of the dump body is equipped with side-board pockets.

HOIST

Dumping operations utilizes a front mounted telescopic hoist, NTEA rated. The low mounting profile provides a minimum dump angle of 50°. Safety props are provided for the side dump and main hoist of the body. Lifting capacities up to 40 tons.



Spinner Assembly

The spinner assembly features adjustable stainless steel discharge chute to control spread pattern. Spreading in front of rear tires allows for improved traction and increased operator safety.

HINGE CONTROL

The body floor is designed to elevate the passenger side enabling material to slide to the conveyor running longitudinally on the driver's side and extends the full length of the floor. When the floor is elevated the material slides on to the conveyor without any interference from bracing or bulkheads. The body floor is raised and lowered using (2) double-acting, NTEA rated, hydraulic cylinders. The operator is also able to adjust the floor height angle while driving and spreading. The floor hinge is bolt on removable and features pins that are type 304 stainless steel. The body is fitted with a central grease manifold for the side dump hinges only.



Chevron Conveyor System (Optional)

Chevron Conveyor chain assembly features pintle chain with a tensile strength of 22,000 lbs., and insures a steady flow of material from the conveyor chain to the spinner assembly.

OPTIONS

Type 304 Stainless Steel Construction

Chevron Conveyor System

Top Screens

Tarp System / Tarp Rails

Plastic Fenders

Bolt-on Spread Aprons

Coal Chutes

Wider Cab Shield

Ladder (Swing Up or Stationary)

304 Stainless or AR 400 Wear Plate

Front Mounted Conveyor Chain Tensioner System

Side Discharge Chute for Summer Use

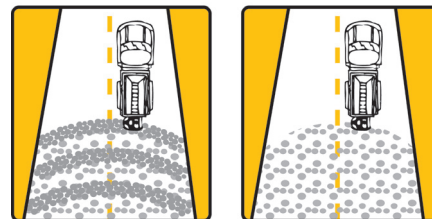
Hardox Floor & Conveyor Cover Construction

25:1 Gearbox

Rear Apron LED Lighting Package

Cab Shield LED Lighting Package

Taller Sides / Tailgate



Chevron Spread Pattern

The image on the left illustrates the uneven spread pattern typical of an ordinary bar conveyor. The Chevron Conveyor provides an even spread pattern with "strike zone" direction control, as seen in the illustration on the right.

The TARCO® T-3000 All Season Dump Body is manufactured to the same high quality specifications as all our other TYMETAL products. Standard features include: a rugged body construction for durability and extended life, heavy duty bar flight conveyor, a front discharge spinner assembly enabling material to be spread in front of the rear tires for improved traction and safety on icy highways and roads. The body configuration maximizes capacity and maximizes material utilization thereby minimizing refills.

CONVEYOR

The conveyor is constructed of 3/16" hot roll steel on hot roll bodies and 3/16" thick type 304 stainless steel on stainless steel bodies. The entire conveyor assembly is bolt-in removable for ease of maintenance. The standard conveyor wear plate is 3/16" AR steel on hot roll bodies and 3/4" poly on stainless steel bodies. The pintle conveyor chain is 3/8" x 1-1/2" bar flights on every other link. A hinged cover plate protects and covers the conveyor chain during regular dump body operation. Type 304 stainless steel grease cylinders are used to adjust the chain tension and a rear idler roller allows for less chain friction and prolonged conveyor chain life.

CONVEYOR DRIVE

The conveyor is hydraulically driven by a direct coupled hydraulic motor. The TARCO® T-3000 uses a 50:1 or optional 25:1 U.S. manufactured gearbox. The conveyor motor gearbox, drive shaft and drive shaft bearings are installed in front of the dump body headboard and are easily accessible for service. Drive sprockets are cast iron with shoulders to minimize tooth wear and are both keyed and set screwed to the conveyor drive shaft. The flow gate opening is adjustable by a rack and pinion jack.

SPINNER ASSEMBLY

The spinner is on the driver's side of the body enabling material to be spread in front of the

TARCO®'s optional Chevron Conveyor performs with "strike zone" direction control. The Chevron Conveyor offers a more controlled spread – providing an even, non-pulsating flow regardless of conveyor speed, material consistency or temperature. The Chevron Conveyor is easy to adjust or change and best of all, it eliminates waste.

rear tires for improved traction and safety on icy highways and roads. The discharge chute is constructed from 304 stainless steel, easily adjusted to control spread pattern and are easily removed, via quick connect hydraulic couplers, for storage or off highway use.

TAILGATE CONSTRUCTION

The tailgate is double-acting with boxed bracing. The front wall is one piece and self cleaning without any indentations or tapers. The tailgate is constructed of 3/16" thick steel and features a dirt shedding design. Heavy duty off-set top hardware is standard along with tailgate chains that can be used to lay the tailgate flat or for spreading material. The tailgate is air operated by a cylinder and the latching mechanism does not interfere with the use of an asphalt spread apron.



Tailgate

The double acting, six-panel tailgate features a rugged construction and heavy duty offset hardware.

Side Dump Body Feature

Utilizing two double-acting hydraulic cylinders, the dump body floor is raised and lowered on the passenger side enabling material to slide to the conveyor on the driver's side. The floor height and angle are adjustable by the operator while driving and spreading. The floor height angle is adjustable by the operator while driving and spreading.



- Snow and Ice Equipment
- All Season Dump Bodies
- Leaf Loaders

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