

SPECIFICATIONS

COMMERCIAL/MUNICIPAL DUMP BODY

TARCO® 4000 Model	4000-9	4000-10	4000-11	4000-12	4000-13	4000-14
Inside Length	9'	10'	11'	12'	13'	14'
CA/CT* Required	CA-72"	CA-84"	CA-96"	CT-84"	CT-96"	CT-108"
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
Nominal Conveyor Width	34"	34"	34"	34"	34"	34"
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"

* Approx. CA:Cab to Axle / CT:Cab to Tandem

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.

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Manufactured By:



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TARCO®

SNOW & ICE CONTROL SPREADERS



Manufactured by:



T-4000
All Season Dump Body

A versatile all season dump body/spreader with a center conveyor for year round use.

COMMERCIAL/MUNICIPAL DUMP BODY

518-584-4400 www.FMTARCO.com

T-4000 COMMERCIAL/MUNICIPAL DUMP BODY

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

DUMP BODY CONSTRUCTION

All seams are fully welded. The standard TARCO® 4000 is completely constructed of 3/16" thick steel. A 3/16" thick type 304 stainless steel construction is optional. The body sides are braced with both front and rear corner posts. The sides are equipped with vertical gussets and boxed top rails for added strength. Sides also feature a dirt shedder rub-rail. The top rail of the dump body is equipped with sideboard pockets. The under structure is supported using structural 4" channel for maximum under-body support for hot roll steel bodies. Type 304 stainless steel bodies use formed stainless steel cross members for support. Top screens are available, as an option.



Center Conveyor

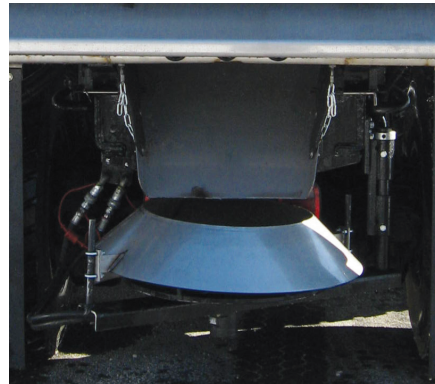
The centrally located conveyor allows for a low center of gravity when hauling heavy loads of material, keeping you safe and stable on icy roads.

TAILGATE CONSTRUCTION

The tailgate is constructed of 3/16" thick steel and is double acting with boxed bracing. The tailgate features heavy duty offset top hardware. Tailgate chains are provided and can be used to lay the tailgate flat for spreading material. The tailgate is air operated and the latching mechanism does not interfere with the use of an asphalt spread apron.

HOIST

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



Rear Discharge Spinner Assembly (Optional)

The option rear discharge spinner assembly is mounted off the truck frame rails and has the ability to spread behind the rear tires. The rear discharge features a type 304 stainless steel chute, 24" diameter poly disc, and adjustable deflector hood to control spread pattern.

OPTIONS

Type 304 Stainless Steel Construction

Rear Discharge / Spinner Assembly

Top Screens

Tarp System / Tarp Rails

24" Diameter Poly Spinner Disc

Plastic Fenders

Bolt-on Spread Aprons

Coal Chutes

Wider Cab Shield

Ladder (Swing Up or Stationary)

Hardox Floor & Conveyor Cover Construction



Dump Body Understructure

The under structure is structural 4" channel for maximum underbody support and is fully gusseted on hot roll steel constructed dump bodies.

Our All Season Dump Bodies are manufactured to the same high quality specifications as all our other TARCO® products. Standard features include: a rugged body construction for durability and extended life, 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, and a high torque drive system. The body configuration maximizes capacity and maximizes material utilization thereby minimizing refills.

CENTER CONVEYOR

The conveyor is the main support system of the body and is constructed from 3/8" thick formed long sills. The long sills are available in hot roll or type 304 stainless steel. The conveyor is a nominal 34" wide for optimal movement of material. The conveyor wear plate is 3/16" thick abrasion resistant steel utilizing a replaceable design. A separate 3/16" thick cover plate protects and covers the conveyor chain during regular dump body operation. Stainless steel grease cylinders are used to adjust the chain tension along with a rear idler roller, instead of sprockets. This barbell style idler roller reduces friction and prolongs chain life as compared to normal shaft and sprocket take up assemblies. A bottom conveyor cover plate is also provided to protect truck chassis from falling material.

CONVEYOR DRIVE

The conveyor is hydraulically driven by two direct coupled hydraulic motors. These motors are a massive 24.0 cubic inches each and provide the maximum starting torque required for the 34" wide conveyor. The TARCO® 4000 uses a dual pinion 6:1 gear box. The conveyor motor gear box, drive shaft and drive shaft bearings are installed in front of the dump body long sills and are easily accessible for service. Drive sprockets are eight tooth and cast iron with shoulders to minimize tooth wear. The sprockets are keyed and set screwed to the 2" diameter conveyor drive shaft.

SPINNER ASSEMBLY

The spinner/discharge assembly is mounted between the frame rails of the truck chassis enabling material to be spread in front of the rear tires for improved traction and safety on icy highways and roads. Features include: a center adjustable diverter, four adjustable internal baffles and two external material deflectors. Both the diverter and deflectors are easily adjustable to control spread pattern.

A large 20" diameter poly spinner disc is provided. The poly disc features molded directional spinner vanes that allow spreading underneath, right, left or any combination in between. The frame mounted chute can be easily removed, via quick connect hydraulic couplers and bolt on brackets for seasonal storage or off highway use.



Front Chassis Mounted Spinner Assembly



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