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ALL SEASON DUMP BODY / SPREADER

TARCO®



COMMERCIAL/MUNICIPAL DUMP BODIES

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

FEATURES

ALL SEASON DUMP BODY / SPREADER

The All Season Dump Body/Spreader, manufactured by Loughberry Mfg. Corp., 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.

All Season Dump Bodies are manufactured to the same high Loughberry quality specifications as all our other TARCO® brands. 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 the Chevron Conveyor. The body configuration maximizes capacity and maximizes material utilization thereby minimizing refills.

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

DUMP BODY CONSTRUCTION

All seams are fully welded on both models. The TARCO® 3000 is completely constructed of 3/16" steel while the TARCO 2000® is 10 gauge construction. Type 304 stainless steel is optional on both. The body sides are braced with both front and rear corner posts. The sides are equipped with supports 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. Two-sectional top screens are available, as an option.

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.

HINGE CONTROL

The body floor is designed to elevate the passenger side enabling material to slide to the Chevron 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 and angle while driving and spreading. The floor hinge is stainless steel and is fitted with grease fittings. For operator safety during maintenance, the hinge grease fittings are easily accessible without raising the floor of the body.

CHEVRON CONVEYOR

For corrosion resistance the conveyor is constructed of 304 stainless steel. The conveyor wear plate is 3/4" thick polyethylene utilizing a bolt-in design with stainless steel hardware. This reduces friction and prolongs chain life. A hinged cover plate protects and covers the conveyor chain during regular dump body operation. Grease cylinders are used to adjust the chain tension.

CONVEYOR DRIVE

The conveyor is hydraulically driven by a direct coupled hydraulic motor. The TARCO® 2000 uses a 20:1 gear box, while the TARCO® 3000 is available in a 50:1 or 25:1 gear box. The conveyor motor gear box, 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 keyed and set screwed to the conveyor drive shaft. The flow gate opening is adjustable by a rack and pinion jack.

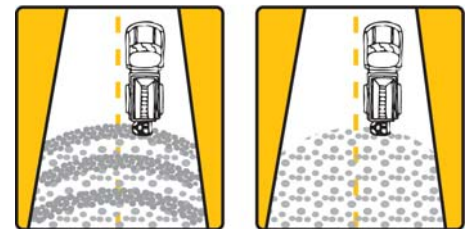
SPINNER ASSEMBLY

The spinner is on the driver's side of the body enabling material to be spread in front of the rear tires for improved traction and safety on icy highways and roads. The spinner and discharge chute is polyethylene, easily adjusted to control spread pattern and are easily removed, via quick connect hydraulic couplers, for storage or off highway use.



Chevron Conveyor System

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.



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.

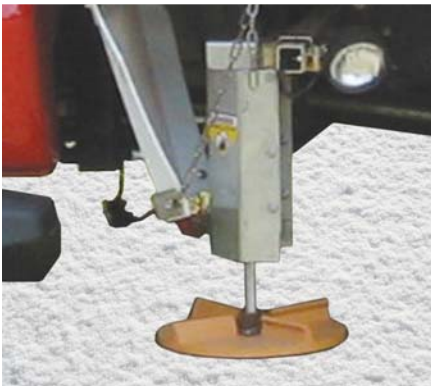


Tailgate

Equipped with double-acting tailgate with boxed bracing construction for added strength, 10 gauge steel or 3/16" depending on particular model.

TAILGATE CONSTRUCTION

Both tailgates are double-acting with boxed bracing. The front wall is one piece and self cleaning without any indentations or tapers. The tailgate is constructed of 10 gauge steel for the TARGO® 2000 and 3/16" steel for the TARGO® 3000. Both models feature heavy duty off-set top hardware. Tailgate chains can be used to lay the tailgate flat for spreading material. The tailgate on the TARGO® 2000 is manually opened and closed whereas the TARGO® 3000 is air operated. The latching mechanism does not interfere with the use of an asphalt spread apron.



Spinner Assembly

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



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.

- Type 304 Stainless Steel Construction
- Top Screens
- Tarp System
- Plastic Fenders for Dual Wheel Tires
- Bolt-on Spread Aprons
- Wood Sideboards
- Coal Chute Tailgate
- Wider Cab Shield
- Ladder
- Dual Knob Spreader Control Valve
- Side Discharge Chute for Summer Use
- 1/4" Thick Floor*
- Hydraulically Powered 25:1 Gearbox*
- 3/8" Stainless Channel Long Members*
- Strobe LED Lights*
- Higher Sides*
available in hot rolled steel or type 304 stainless steel on 12', 13', and 14' sizes.

* TARGO 3000 Only

Loughberry Mfg. Corp. manufactures a variety of:

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

Visit our website at www.loughberry.com or call 518-584-4400 for more information or to request a brochure.

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ALL SEASON DUMP BODY / SPREADER

SPECIFICATIONS

| Model | TARCO 2000 | | TARCO 3000 | | | | | |
|---------------------------------|------------|-----------|------------|----------|----------|----------|----------|----------|
| | 2000-8.5 | 2000-10.5 | 3000-9 | 3000-10 | 3000-11 | 3000-12 | 3000-13 | 3000-14 |
| Inside Length | 8.5' | 10.5' | 9' | 10' | 11' | 12' | 13' | 14' |
| CA/CT* Required | CA-60" | CA-84" | CA-84" | CA-96" | CA-108" | CT-96" | CT-108" | CT-120" |
| Capacity (Cubic Yards Level) | 3.25 | 3.8 | 5.4 | 6.0 | 6.6 | 9.7 | 10.5 | 11.3 |
| Hoist-Class NTEA Rated | 20 | 20 | 50 | 50 | 80 | 80 | 80 | 80 |
| Conveyor Width | 15" | 15" | 18" | 18" | 18" | 18" | 18" | 18" |
| Conveyor Side Rails (Stainless) | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Polyethylene Wear Plate | Standard | Standard | Standard | Standard | Standard | Standard | Standard | Standard |
| Urethane Front Spinner | 18" | 18" | 20" | 20" | 20" | 20" | 20" | 20" |
| Standard Tailgate Height | 24" | 24" | 36" | 36" | 36" | 48" | 48" | 48" |
| Standard Side Height | 16" | 16" | 27" | 27" | 27" | 36" | 36" | 36" |

* 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.

Brochure cover: Illustrates the operation of both TARCO 2000 and TARCO 3000 models.

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