

we follow nature

HYDRAULIC
OR GAS

SALT & PEPPER

TARCO®



SNOW & ICE CONTROL SPREADERS

A full line designed for a variety of truck sizes.

FEATURES

SALT & PEPPER

Salt & Pepper® ice and snow control spreaders, manufactured by Loughberry Mfg. Corp., are rugged machines designed for years of reliable performance and equipped to handle your ice and snow control materials with ease. The TARCO® Salt & Pepper® model features an efficient spread pattern and is available with either gas or hydraulic power units to fit a variety of snow fighting trucks.

Salt & Pepper® spreaders are manufactured to the same high Loughberry quality specifications, as all other TARCO® brands. Standard features include a removable spinner assembly, heavy duty top hinged screens, one piece hopper construction, and our unique Chevron Conveyor Chain System.

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.

POWER UNITS

Gas

This unit has a Briggs & Stratton 11.5 horse-power I/C air-cooled engine with an electric clutch. The engine has an electric throttle, electric start, choke and stop controls for cab installation. The engine and battery are enclosed by a vented steel enclosure. A manual pull start is supplied as an alternative starting method.

Hydraulic

Model HY A single hydraulic motor is coupled to the 20:1 gearbox to drive the conveyor chain and spinner motor. Hydraulic hoses and quick couplers are supplied to reach the rear of the truck. The vehicle must be equipped with a hydraulic system capable of producing 8 GPM at 1000 RPM.

Model HY2 This unit has a dual hydraulic motor drive to allow independent spinner and conveyor speed. One hydraulic motor is coupled to the gearbox to drive the conveyor chain and another hydraulic motor is coupled to the spinner disc. Hydraulic hoses and quick couplers are supplied to reach the rear of the truck. The vehicle must be equipped with a hydraulic system capable of producing 12 GPM at 1000 RPM.

HOPPER BODY CONSTRUCTION

The hopper body is fully welded 12 gauge steel (optional 300 series stainless steel). The hopper sides and conveyor are formed with one sheet of steel to eliminate the potential for rust at horizontal welded seams, which

adds to spreader life. Hopper side supports (gussets) rest on 2" channel cross sills to help support the sides and provides a stable platform for truck mounting. The hopper top edge is channel formed for strength with the sides sloped at 45° to insure free flow of material. A fully adjustable rear flow gate, four corner lift loops and heavy duty top screens are standard. Steel units are properly cleaned and primed before yellow enamel paint is electrostatically applied. As an option, your choice of finish color may be specified in place of yellow. Stainless steel units are left unpainted.

CHEVRON CONVEYOR

The Chevron Conveyor System's unique design provides a constant feed of material

to the spinner disc regardless of the conveyor speed. The conveyor system is 15" wide to eliminate material bridging. Conveyor chain side links are protected by chain aprons. The conveyor chain has an adjustable spring loaded idler roller with over 3" of travel. This reduces wear and tear on the conveyor chain. A 10-gauge steel replaceable conveyor wear plate supports the underside of the conveyor. A 20:1 right angle gearbox drives the conveyor chain. The drive sprockets are cast iron with 8 teeth, keyed and set screwed to the 1- 1/4" diameter gearbox drive shaft. Both the conveyor drive shaft and idler shaft are supported by grease able flange bearings. The Chevron System is the best in the business.



Gas Engine and Cab Controls

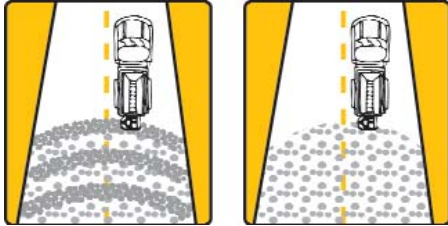
Equipped with a standard 11.5 HP Briggs & Stratton engine that is fully enclosed to provide protection during loading and operation. In cab controls provide operational controls for ignition, choke, electric throttle and electric clutch.



Chevron Conveyor

The Chevron Conveyor is 15" wide to eliminate material bridging. Tensile strength – 21,000 lbs. The Chevron Conveyor System's bar and chain construction continuously feeds material to the spinner disc for an *even spread pattern*.

OPTIONS



Chevron Conveyor 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.

SPINNER ASSEMBLY

A 14" diameter polyurethane spinner disc with 4 vanes is provided. Spread pattern is controlled by adjusting the angle of the stainless steel discharge chute (requires no tools). A deflector assembly surrounds the spinner disc for a low angle spread pattern. The entire spinner assembly is quickly detachable for storage or travel between jobs by removing four (4) T-bolts by hand.



Hydraulic Spinner Assembly

The TARCO® Salt & Pepper is also available with an easy to remove hydraulic spinner assembly. No tools required.



Gas Spinner Assembly

Spinner assembly is easily removed between storms or for flat storage in summer. No tools required.

• Honda 11 HP Engine

• Built-in Hopper Extensions

• Trailer with Lights and Fenders

• Stainless Steel Construction

• 10-Gauge Steel Hopper

• Special Paint

• Polished Stainless Steel

• Extended Spinner Assembly

Loughberry Mfg. Corp.
manufactures a variety of:

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

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SALT & PEPPER

SPECIFICATIONS

Model	SP-8	SP-9	SP-10
Hopper Length	96"	108"	120"
Hopper Height	42"	42"	42"
Hopper Width	72"	72"	72"
Overall Length	120"	132"	144"
Capacity (Cubic Yards Level)	3.0	3.3	3.6
Capacity With Optional 6" Hopper Extensions	3.89	4.3	4.6
Weight With Screens (Optional) and GECEL	1,360 lb.	1,450 lb.	1,540 lb.
Hopper Construction	12 GA	12 GA	12 GA
Number of Hopper Side Supports (Per Side)	3	3	4
Conveyor Width Chain- 15" Wide	Standard	Standard	Standard
Conveyor Bridge	Standard	Standard	Standard
Top Screen(s) Standard	2 Hinged	2 Hinged	2 Hinged

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.

Shown on brochure cover: Model SP-HY-8 Salt & Pepper material spreader, stainless steel construction with hydraulic drive and 3.0 cubic yard capacity.

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