



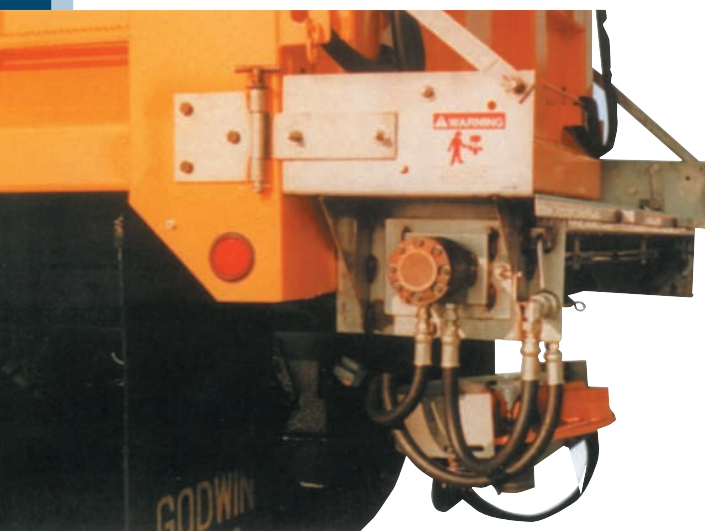
TGS-1600

STAINLESS STEEL TAILGATE SPREADER



- **Stainless Steel Unit**
Will not rust.
- **Hinged Cover Plate**
Material can be dumped from truck without accumulating in the spreader.

- **Rubber Trough**
Uses 5/16" rubber for long lasting, rust-free operation.
- **18" Urethane Spinner**
Has six 3/8" blades constructed of urethane. Will never rust.



- **Self Leveling Spinner**
Automatically keeps spinner parallel to the road.
- **Adjustable Spinner**
Vary spread width and direction.
- **8 foot wide**

800-446-9823

OLD DOMINION BRUSH COMPANY



MUNICIPAL PRODUCTS
SINCE 1910



Basic Specifications

ODB'S MODEL TGS-1600 STAINLESS STEEL TAILGATE SPREADER

- GENERAL** The intent of these specifications is to cover the requirements to manufacture a heavy duty stainless steel tailgate salt/sand spreader with a rubber trough. ODB's Model TGS-1600 has been designed by using the latest available technology and engineering capabilities. ODB's workmanship and materials are of first quality. The TGS-1600 tailgate spreader meets or exceeds all OSHA, Federal, and State regulations and requirements.
- TROUGH** The TGS-1600 incorporates the use of a heavy duty rubber trough. The rubber trough is constructed from natural black rubber with the thickness of 5/16". The trough is designed for one side to drop open which exposes the auger for inspection and cleaning out any debris. The drop side can only be opened after the hydraulic auger drive motor has been disconnected. The rubber trough has an oblong discharge opening with dimensions of 4" wide by 6" long.
- COVER PLATE** The TGS-1600 is equipped with a two-position cover plate constructed of #10 gauge stainless steel. The cover plate, when closed, allows material to be dumped over the spreader without accumulating in the trough. When the cover plate is in raised position, the spreader is in normal spread mode. The cover plate is hinged and can be opened or closed without the use of any tools.
- AUGER** Material is fed by a 6" diameter auger constructed of mild steel. The auger flights have a 6" helix pitch. The auger has a reverse screw 18.75" from the roadside end of trough near discharge port for even feed. The auger stub axles are 1.25" diameter.
- AUGER BEARINGS** The auger is mounted in and supported by 1.25" sealed self-aligning two-bolt flange bearings. Bearings are mounted on the outside of trough end plates and are easily accessible for service.
- AUGER DRIVE** The auger is direct-driven by a standard gerotor hydraulic motor. The hydraulic motor has a single piece fixed axis for high output torque and flange mounts via a standard two bolt SAE pattern.
- SPINNER ASSEMBLY** The spreader assembly is equipped with an 18" diameter urethane spinner disc with six 3/8" thick blades with the overall height of 2-1/2" (C.U.E. #CC-1229-S). The spinner has a counterclockwise rotation. The urethane spinner incorporates the use of an iron casted four-bolt hub which mounts to the disc with lock nuts. The spinner assembly is equipped with a self leveling device which automatically keeps the spinner parallel to the road at any dump body angle. The spinner mount is adjustable to provide a variation of spread width and direction. The assembly is equipped with a deflector shield.
- SPINNER MOTOR** The hydraulic spinner motor is a standard gerotor design with a shaft diameter of 1". The motor mounts via a standard four-bolt flange (Re: Char-Lyn #101-1001-009).
- HOSES** For the spinner, two 1/2" ID (SAE 100R2AT) by 5' long hydraulic hoses with 1/2" NPT permanent crimp fittings on each end. For the auger, two 3/4" ID (SAE 100R2AT) hose. One is 4' long, the other is 5'. Both hoses have 3/4" NPT permanent crimp fittings on each end.

800-446-9823

OLD DOMINION BRUSH COMPANY