



VCT 90

UNDER TAILGATE SPREADER

DUAL PURPOSE UNDER TAILGATE DESIGN



Berming Chute for Extended Discharge, High Capacity, Heavy Duty & Self-Storing

Spinner Bracket of Self-Leveling Design and 18" Urethane Disc

VCT 90 mounts easily and quickly with "Quick Detach" mounting hardware. Under tailgate design allow body to be unloaded without removing spreader. Self-storing berm chute extends outside of truck rear wheels for either right or left discharge. A self-leveling spinner is furnished for ice/snow control. Safety guards are provided for auger openings not being used.

VCT 90 has a Heavy Duty 9" auger, directly coupled to a High Torque hydraulic motor through a Stainless Steel coupler. The hinged lower trough swings clear to allow material to fall through the auger area to simplify clean-out and removal of any blockage.

Under Tailgate Spreader VCT 90



General

Spreader mounts on rear of dump body below regular dump box tailgate in a manner to allow use of dump with spreader attached. Tailgate may be hinged at top or at the bottom.

Trough

The trough is fabricated from #7 gauge steel. End plates are constructed of 1/4" steel. Rear wall reinforcement channel of 1/4" steel extends the length of trough and welded to the end plates. The trough design shall incorporate the easy clean-out feature which is of a hinged trough bottom and rear wall. Trough is 19" front to back, 96" overall length, and 23 1/4" high. Entire unit is electric welded throughout. The bottom clean-out door must incorporate spring loaded latch handles. A bolt on discharge cover plate will provide restriction of material to spinner opening during berm work.

Cover Plate

The cover plate is fabricated from #7 gauge steel. The cover plate is a dual-purpose spill/cover plate full width, full length, with a hinged design to permit dumping of any material over the spreader with no accumulation of material inside spreader trough. A center support will be installed, so cover will be supported when in up position and can be rotated 90° when cover plate is in down position to eliminate interference. Support will lock up or down with pin device. Locking devices are positive sliding bolt-type latches that lock cover in open and closed positions.

Feed Auger

The feed auger is a continuous flighted 9" auger with continuous pitch. Single auger constructed of 2 7/8" O.D. x 7/32" wall tubing, with a flight thickness to be 7/16" on outer edge. Auger shall be mounted in 1 1/2" sealed, self-aligning, ball bearings. Bearing is mounted in the trough end section, curb side, in a pillow block two bolt support. The feed auger is driven by a hydraulic motor coupled by a Stainless Steel coupler directly to auger shaft. Drive motor mounted on driver side and fastened to a mounting plate. Full size mounting plate provides for extra strength in end section and allows for easy auger removal from end section. Drive motor shall be of a roller stator design with four (4) bolt mount.

Specification Sheet

Anti-flow Plate

An anti-flow plate covering the trough discharge hole above the auger shall be provided to prevent material flow when auger is not turning. Plate can be easily removed without use of tools and can be placed at either opening.

Spinner Assembly

The spreader is equipped with a direct motor mounted hydraulic drive, single disc, distributing spinner assembly. The spinner is designed to evenly distribute material over an adjustable width of 4 feet to 40 feet. The spinner is self-leveling, this allows spinner disc to remain parallel to the road at any dump body angle. A deflector shield is furnished with spinner assembly to keep the material off undercarriage of the truck. The spinner mounting shall be adjustable to provide for variation of spread width and direction. The spinner assembly shall be all steel construction, with a 18" diameter, bolt on hub and urethane spinner disc for material distribution. Spinner motor shall be of a gerotor design with four (4) bolt mount.

Berm Chute

The chute is fabricated from #10 gauge steel. The chute shall be of a self-storing, adjustable design to allow for alteration of material flow. The chute is mounted on two (2) 3/4" rods to allow for adjustment of chute to end of trough and allow chute to slide in and store under lower trough on curb side only. Chute will mount on opposite side so material can be spread off operator's side. Guard will be furnished for this application. Chute will have locking tee handles to help hold assembly in place and a chain to lift chute out of way for clean-out of lower trough. There shall be a safety guard on end plate to enclose auger when chute is in storage position.

Mounting Hardware

The spreader trough mounts to the truck dump body, utilizing single pin "Quick-Detach" hardware.

Options

- 304 Stainless Steel Trough and Top Cover
- 304 S.S. Spinner Bracket and Mounting Group
- Special Paint Finish
- Short Hose Group

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