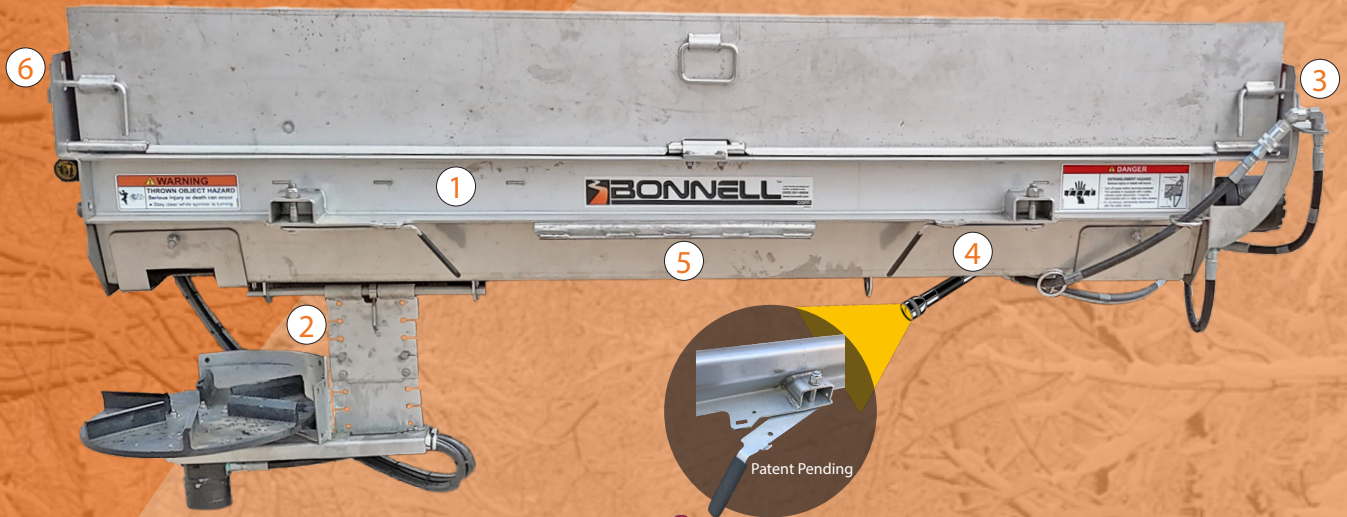


BT-SERIES UNDER TAILGATE SPREADERS

SNOW & ICE CONTROL

FEATURES & BENEFITS:

- 1 One piece rigid stainless steel body with end plates continuously welded to auger trough.
- 2 Adjustable height spinner assembly, pinned on to bottom door, with 18" poly spinner disc.
- 3 Hydraulic safety interlock system.
- 4 EZ grip latch. Allows bottom door latches to be opened and closed with one hand. No tools needed. *Patent Pending
- 5 Integrated center lift handle
- 6 Quick detach bullet connectors



BONNELL
INDUSTRIES INC
TRUCK & ROAD EQUIPMENT

SPINNER ASSEMBLY

The spinner consist of 18 in. diameter polymer disc with six formed polymer fins, to provide a flat trajectory and uniform spreading pattern from 4ft-40ft. Spinner is adjustable, allowing for variable spreading patterns left, center, or right by sliding the hinged frame sideways on the shaft so that the point at which materials hits the spinner disc is varied. Adjustable assembly provides four different ground-clearance settings by means of four bolts. Easy removal by pulling two pins and uncoupling two hydraulic quick-disconnect hoses. Spinner motor will be nickel plated to enhance corrosion resistance and improved seal life. Spinner shield provided to prevent material from striking the truck.

Feed Mechanism

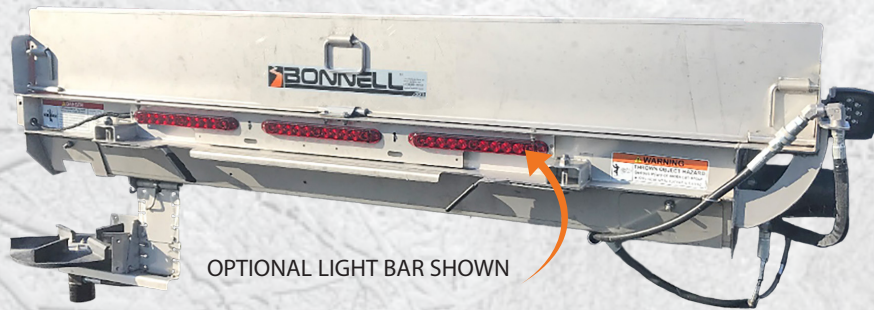
Auger has reverse flighting for more uniform emptying and is supported by 1-1/4 in steel shaft ends. Powered by a 22.6 cubic inch displacement hydraulic motor capable of delivering high torque at low speeds. Mounted on end and directly coupled by the auger by a non-corrosive UHMW polyethylene sleeve and 1/2 in grade 8 bolt.

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.

Mounting

"Bullet Connector"
Quick detach system. Twin pin attachment.



OPTIONAL LIGHT BAR SHOWN

OPTIONS

- External speed sensor
- Far left and center drop
- 9" auger option
- Hard surfaced auger
- Safety light bar
- Sensor motor drive



EXTERNAL SPEED SENSOR

BT-SERIES SPREADER SPECIFICATIONS

BT-SERIES SPREADER	BT-696-DD-AS	BT-996-DD-AS
Weight	665 LBS	760LBS
End plates	1/4" carbon	7 ga. stainless
Auger configuration	1 - 6" dia. X 4" pitch	1 - 9" dia. X 6" pitch
Length		96"
Height (without spinner)		19"
Height (with spinner)		35"
Width (without spinner)		20.5"
Width (with spinner)		20.5"
Spinner diameter/material	18" polyurethane	
Trough material	7 ga. Formed	
Auger drive	Direct drive	

EZ GRIP HANDLE Patent Pending

All NEW One Hand Operation Latch Design.

Allows bottom door latches to be opened and closed with one hand. Without the use of tools, or any loose hardware.



AUTHORIZED DEALER:

www.bonnell.com • (800) 851-9664 • info@bonnell.com
1385 Franklin Grove Rd. • Dixon, IL 61021



R-SERIES REPLACEMENT TAILGATE SPREADERS

SNOW & ICE CONTROL

FEATURES & BENEFITS:

- 1 Full-width agitator is driven by a roller chain off the auger shaft
- 2 3/16" bottom clean out door with a hydraulic safety interlock system
- 3 Adjustable height hot dip galvanized spinner assembly, pin on to bottom door, with 18" poly spinner disc. Highest tailgate spreader spinner ground clearance available



*SHOWN WITH
OPTIONAL ACCESSORIES

Replacement Tailgate Spreaders from Bonnell Industries are designed to replace the existing tailgate, providing the highest spinner ground clearance possible. They are engineered for use with light, medium and heavy duty trucks. The hinged bottom cleanout door cannot be fully opened without disconnecting the hydraulic hoses providing the ultimate safety for your operator.

Our auger is driven by a direct drive hydraulic motor. Our full-width agitator is driven by a roller chain

off the auger shaft. You can rely on the agitator and 6" or 9" auger with return flighting to ensure constant material flow. Both the R-69 and R-99 replacement tailgate spreader models fasten to existing dump body hardware for fast mounting and removal without the use of special tools.

Our standard polymer spinner disc eliminates the need to replace corroded steel fins. The adjustable spinner assembly remains parallel to the road at all dump box angles and can be easily removed by pulling two pins and uncoupling two quick-disconnect hoses.



R-SERIES SPREADER SPECIFICATIONS

MODEL	Auger	Width	Height
R69-DD-8422	6"	84"	22.5"
R69-DD-8436	6"	84"	36"
R69-DD-8446	6"	84"	46"
R99-DD-8436	9"	84"	36"
R99-DD-8446	9"	84"	46"

	R69	R99
Spinner diameter/material	18" polyurethane	18" polyurethane
Trough material	3/16" formed	3/16" formed
End plates	1/4"	1/4"
Auger configuration	1 - 6" dia. x 4" pitch	1 - 9" dia. x 6" pitch
Auger drive	Direct drive	Direct drive

OPTIONS:



- Stainless steel
- Pre-wet systems



- Center, left, or right discharge
- Special paint
- Dual motor drive in lieu of chain drive on agitator



OPTIONS NOT SHOWN:

- Hot dip galvanized housing and door
- Berm chute
- Sensored motor
- Hydro control valve
- Hose kit(s)



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