TailgateSpreaders

Designed to withstand the harshest winter conditions





Spreader | Under Tailgate



Spreader | Rollspreader



Spreader | Rear Cross Conveyor



Spreader | Replacement Tailgate

municipal.monroetruck.com

monroe

a brand of aebi schmidt

	MS886	MS966	MS969	MS964DA	88RS	96RS	RT	RTS	ZDRTS	MS10312	MS10318
CONSTRUCTION											
Mild Steel	X	X	X	X	X	X	X	X	X	X	X
Corrosion Resistant Stainless Steel	X	X	X	X	X	X	X	X	X	X	X
Spreader Width	88”	96”	96”	96”	88”	96”	Custom	Custom	88.5”	103”	103”
DRIVE											
Direct Drive	X	X	X			X	X	X			
Gearbox Drive 5:1	X	X	X		X	X	X	X			
Chain & Sprocket Drive	X	X		X	X	X	X	X	X	X	
AUGER											
Diameter	6”	6”	9”	4”	4.5”	4.5”	6”	6” or 9”	6”	Belt	Belt
DISCHARGE LOCATION											
One-Way	LH	LH	LH				LH/RH	LH/RH	X		
Reverse Flight	LH	LH		X			X	X			
Dual Discharge	X	X	X							X	X
Center Discharge	X	X	X	X			X	X	X		
Full Length					X	X					
SPREADING MATERIAL											
Sand	X	X	X	X	X	X	X	X	X	X	X
Salt	X	X	X	X	X	X	X	X	X	X	X
Gravel			X							X	X
Chip					X	X					
SPINNER											
18” Poly	X	X	X	X	X	X	X	X	X	X	X
18” Mildsteel	X	X	X	X	X	X	X	X	X	X	X
OPTIONS											
Centerline Chute		X	X							X	X
Integral Speed Sensor	X	X	X	X			X	X	X	X	X
Flow Control Valve	X	X	X	X	X	X	X	X	X	X	X
Hose Kit	X	X	X	X	X	X	X	X	X	X	X
Control Valve Stand	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Tanks	X	X	X	X	X	X	X	X	X	X	X
Spinner w/ Stabilizer Rod	X	X	X	X			X	X	X		
Gravity Leveled Spinner	X	X	X	X			X	X	X		
4’ Extension										X	X
Light Bar	X	X	X	X	X	X	X	X	X	X	X
Custom Paint	X	X	X	X	X	X	X	X	X	X	X
Pre-wet Application	X	X	X	X	X	X	X	X	X	X	X
BermMaster										X	X
Chipper Attachment					X	X					
Extended Side Shields	X	X	X	X	X	X					

Hydraulic Interlock

Standard on all 6” and 9” Spreaders



Drive Options

Chain Drive



- Drive uses #60 Chain with 2.6:1 ratio
- Drive Assembly is Protected by a One Piece Chain Guard that is easily removable without the use of tools
- Requires some maintenance

Direct Drive



- Low Speed High Torque Hydraulic Motor directly coupled to the auger
- Provides higher performance
- Decreased maintenance costs

Gearbox Drive



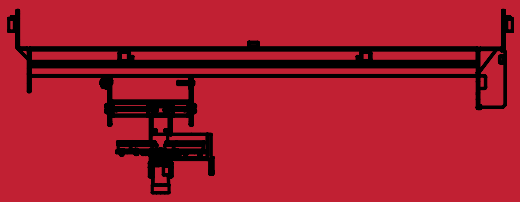
- Drive has 5:1 reduction with a direct attached motor coupled to the auger
- Better control at low spread rates for more efficient spreading
- Incorporated Thru-Shaft for convenient spread rate sensor mounting

Discharge Location

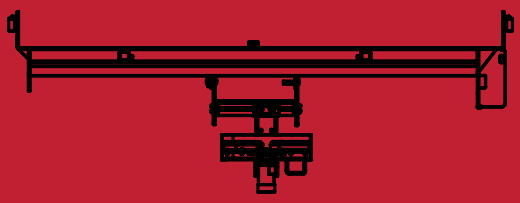
One-Way



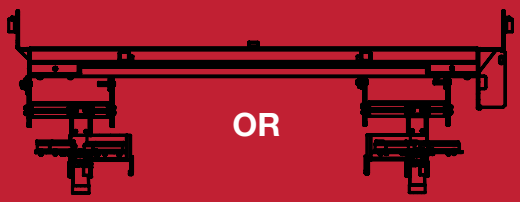
Reverse Flight



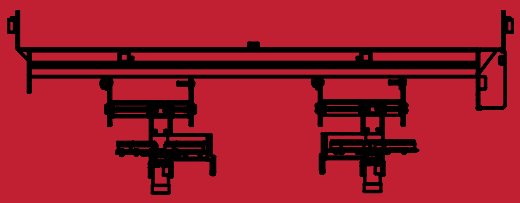
Center Discharge



Dual Discharge



Twin Spinner



An innovative and inexpensive way to extend the life of your tailgate spreader spinner!



The Seal Saver is designed to help eliminate the issue of sand, salt, or other granular products from migrating directly into the motor seal on spinner assemblies.



The complete Seal Saver System includes:

- Hydraulic motor with extended shaft
- Machined poly spacer with a grease groove and zerk installed

Installing the spacer and injecting grease on a regular basis with force undesired materials away from the motor seal.

Spinner Options



Standard Self Leveling Spinner with Stabilizer Rod



Stationary Bumper Mount Spinners on a One-Way Dual Discharge Spreader



Self Leveling Spinner without Stabilizer Rod



Accu-Place Spinner

Under Tailgate | MS886/MS966/MS969/MS964DA



- 7ga Trough and Lid
- (MS886/966/964) 3" x 2" Tube for rear reinforcement; (MS969) 2" x 5" Tube for rear reinforcement
- Fully opening lid top with easy access
- Fully opening bottom trough for assisting with complete clean out of unit, and also allowing full access for servicing unit with center lift handle
- Anti-Flow Plate to restrict material from free flowing when unit is stopped

Options:

- Centerline Chute
- Integral Speed Sensor
- Flow Control Valve
- Hose Kit
- Spinner Guards
- Gravity Leveled Spinner
- 304 Stainless Steel
- 5:1 Gearbox Drive
- Direct Drive

Q) Why should I use a Monroe undertailgate auger-style spreader?
A) The Monroe auger-style undertailgate spreader allows you to dispense free-flowing granular material for the purpose of making roads, driveways, parking lots, and runway lots for safe travel. Because these spreaders can spread salt, sand, pea gravel, and even small sized road stone, they are an extremely versatile and inexpensive option when used in conjuction with a standard dump body.

Features:

- Economical way to utilize existing dump body for maximum returns winter & summer
- Mildsteel Powdercoat
- Capable of spreading free flowing material from 4' to 40'
- Convenient chain hoist lifting slots placed at balance points for easy safe mounting and dismounting
- All welds are 100% continuously welded to prevent corrosion pockets

MS886

GENERAL SPECIFICATIONS		AUGER SPECIFICATIONS			
WIDTH:	88"	LENGTH:	76"	SHAFT:	1-1/4"
DEPTH*:	18"	DIAMETER:	6"	BEARINGS:	2-BOLT
HEIGHT*:	20"	PITCH:	4"	SELF-ALIGNING:	YES
ENDPLATES:	1/4"	FLIGHTING:	3/8"		

MS886/966-RF/CD/TS-	based on 10 gallons of hyd flow, 4" Auger Pitch
CHAIN DRIVE-	8.96 cu. ft./min.
GEARBOX DRIVE-	7.40 cu. ft./min.
DIRECT DRIVE-	9.36 cu. ft./min.

MS966

GENERAL SPECIFICATIONS		AUGER SPECIFICATIONS			
WIDTH:	96"	LENGTH:	84"	SHAFT:	1-1/4"
DEPTH*:	18"	DIAMETER:	6"	BEARINGS:	2-BOLT
HEIGHT*:	20"	PITCH:	4"	SELF-ALIGNING:	YES
ENDPLATES:	1/4"	FLIGHTING:	3/8"		

MS886/966-RF/CD/TS-	based on 10 gallons of hyd flow, 4" Auger Pitch
CHAIN DRIVE-	8.96 cu. ft./min.
GEARBOX DRIVE-	7.40 cu. ft./min.
DIRECT DRIVE-	9.36 cu. ft./min.

MS969

GENERAL SPECIFICATIONS		AUGER SPECIFICATIONS			
WIDTH:	96"	LENGTH:	84"	SHAFT:	1-1/2"
DEPTH*:	19"	DIAMETER:	9"	BEARINGS:	4-BOLT
HEIGHT*:	22"	PITCH:	6"	SELF-ALIGNING:	YES
ENDPLATES:	1/4"	FLIGHTING:	3/8"		

MS969-DD/OW-	based on 10 gallons of hyd flow, 6" Auger Pitch
DIRECT DRIVE-	10.02 cu. ft./min.

MS964DA

GENERAL SPECIFICATIONS		AUGER SPECIFICATIONS			
WIDTH:	96"	LENGTH:	84"	SHAFT:	1"
DEPTH*:	17-1/2"	DIAMETER:	4"	BEARINGS:	2-BOLT
HEIGHT*:	19-1/2"	PITCH:	4"	SELF-ALIGNING:	YES
ENDPLATES:	1/4"	FLIGHTING:	3/8"		

MS964-	based on 10 gallons of hyd flow, 6" Auger Pitch
CHAIN DRIVE-	14.18 cu. ft./min.



Monroe Quick Hitch Brackets



Z-Latch



Optional Extended Side Shield

*Dimension without Spinner attached.

Roll | 88RS/96RS

Features:

- 7ga. Trough Assembly
- 1/4” One-Piece Endplates
- Full Top and Bottom Openings
- 4-1/2” O.D. Roller Assembly
- Roller has an adjustable Steel Wear Plate on the front side
- Four Independent Spring Loaded Anti-Flow Gates on the back side that are adjustable from a dusting of material to applying 3” deep material



MS88RS

GENERAL SPECIFICATIONS		AUGER SPECIFICATIONS			
WIDTH:	97”	LENGTH:	87”	SHAFT:	1”
DEPTH*:	14-1/2”	DIAMETER:	4-1/2” O.D.	BEARINGS:	2-BOLT
HEIGHT*:	20”	PITCH:		SELF-ALIGNING:	YES
ENDPLATES:	1/4”	FLIGHTING:			
FLOWRATE:					

MS96RS

GENERAL SPECIFICATIONS		AUGER SPECIFICATIONS			
WIDTH:	105”	LENGTH:	95”	SHAFT:	1”
DEPTH*:	14-1/2”	DIAMETER:	4-1/2” O.D.	BEARINGS:	2-BOLT
HEIGHT*:	20”	PITCH:		SELF-ALIGNING:	YES
ENDPLATES:	1/4”	FLIGHTING:			
FLOWRATE:					



Optional Chip Attachment:
Swing out chip spreader attachment for 11’ chip coverage

Q) Why should I use a Monroe undertailgate roll-style spreader?
A) The Monroe roll-style undertailgate spreader allows you to drop free-flowing material in an 88” or 96” wide path directly behind the truck. This is critical in areas where users don’t want to broadcast material over a wider area, or they need to reclaim most of the spread material after the storm event. Also, for areas with environmental regulations, no other spreader has as much to offer. Finally, this spreader is ideal for chip spreading applications or seal-coating operations. The optional chip spreader re-distributes the material flow from 8” to 11” with no moving parts.



- Vertically-Mounted Spinner Assembly
- 10ga., 304 Stainless Steel Housing
- 2-Safety Bars constructed of 3/16”, 304 Stainless Steel
- AR400 Impeller has Four Paddles
- Spinner Assembly Mounted with approx. 6” ground clearance
- The Impeller Drive Motor has low speed/high torque “Orbital-Type” Hydraulic Wheel Motor
- Spinner Assembly shall lift 6” by actuating remote in cab switch
- 45 degree rotation and left of center position by actuating remote in cab swtich
- Used in conjunction with under tailgate, replacement tailgate or V-Box spreader in lieu of conventional spinners

Accu-place

Replacement Tailgate | RT/RTS/ZDRT



RTS Spreader with built-in
Pre-wet Tank and Twin Spinner



Options:

- Spinner Guards
- Agitator Bar
- Open Center and Closed Center Flow Control Valves
- 3/16" Bolt-On Mild Steel Backing Plate
- Hose Kits
- Custom Paint
- 3, 6, & 9 Panel Reinforcement
- Stainless Steel
- Integral Pre-wet Tanks



1-Ton Replacement Tailgate Spreader Application shown with optional Receiver Hitch Mounted Spinner

RTS Features:

- Tailgate is constructed of 3/16" Mild Steel Bodywith 1/4" Endplates
- 3" x 3" x 1/4" Minimum Tube Type Frame
- Full-Width Auger located below the dump body floor
- Auger has 3/8" flighting with a 4" pitch
- Agitator has ten, 3.5" x 3.5" x 1/4" interrupters angularly welded
- Both Auger and Agitator are direct driven by low speed high torque hydraulic motors
- Interior seams are 100% continuously welded
- Self-Leveling spinner assembly is equipped with an 18" spinner disc constructed of black polymer material
- Full Bottom Opening
- Powder Coat Paint

RT Features:

- Full Width Auger eliminates corner build-up
- Easy installation and removal
- 7ga. construction
- 6" Auger with 4" pitch and 3/8" thickness
- Continuous welded interior
- Maximum ground to spinner height
- Spinner remains parallel to ground at various dump angles
- Low speed high torque motor gives dependable spreading control
- Adjustable spinner for various spreading patterns
- Slip-off drive assembly guard

Q) Why should I use a Monroe full replacement style spreader?
A) The Monroe full replacement tailgate style spreader is designed to completely replace the original dump body tailgate. Each one is custom-built in our modern manufacturing facility here in Monroe, Wisconsin, by carefully trained welders and assemblers. By building each unit to the exact dimensions you provide from your existing dump body tailgate, we can help ensure a tight fit, no material leakage and excellent spinner clearance to the ground.

Q) What limitations do I need to take into consideration when choosing a Monroe Full Replacement style spreader?
A) Monroe builds two distinct styles of full replacement spreaders. Our RT unit is designed for small trucks where spinner clearance is a particular issue. Because the bottom trough does not open and the spinner sits at the level of the dump body floor, an extra 8" of clearance is obtained.
Conversely, the Monroe RTS unit has a full-opening bottom trough and the spreader is designed so the hopper sits below the level of the dump body floor. Typically used on larger trucks where spinner clearance isn't critical, the RTS may be up to 55" tall, depending on the provided tailgate dimensions.
Each of these two units allows the granular material to feed more evenly into the spreader since continuous load pressure can be maintained more easily than with an undertailgate spreader. Hinges and locking pins must be fitted by the installer.

Rear Cross Conveyor | MS1031/MS10318

MS10312

GENERAL SPECIFICATIONS		CONVEYOR SPECIFICATIONS	
WIDTH:	103”	ADJUSTABLE FEED GATE (x2):	10” x 10”
DEPTH*:	28.46 OAL	DISCHARGE:	LEFT AND/OR RIGHT
HEIGHT*:	26.94 OAL	BELT WIDTH:	12”
ENDPLATES:	1/4”	BELT THICKNESS:	3/8”

MS10318

GENERAL SPECIFICATIONS		CONVEYOR SPECIFICATIONS	
WIDTH:	103”	ADJUSTABLE FEED GATE (x2):	10” x 16”
DEPTH*:	34.46 OAL	DISCHARGE:	LEFT AND/OR RIGHT
HEIGHT*:	26.94 OAL	BELT WIDTH:	18”
ENDPLATES:	1/4”	BELT THICKNESS:	3/8”



Shown with Optional Spinner Assembly and Berm Chute



Optional 4’ Extension with caged rollers

Features:

- Spreads a wide variety of material which includes all types of aggregate and hot mix asphalt
- Performs shoulder maintenance, rut-filling, asphalt-patching and ice control
- Available in a 12” or 18” Conveyor width
- Bi-directional conveyor provides driver side or passenger side discharge
- Quick Attach/Detach, Self-leveling mounting hardware
- Hi-Temp straight belt with flexible stainless splicing
- Caged design drive and idler pulleys
- Poly support rollers with stainless steel shaft, which eliminates the need for bearings
- Heavy duty bearing and belt adjustment

Options:

- 4’ Extension with Belt to mount to Hydraulic Truck Conveyor
- Light Package - Stop, Turn & Tail Light with 3-light Cluster
- Sand Bag Attachment
- Corrosion-Resistant Stainless Steel
- Spinner Assembly
- Reversing Valve
- Berm Chute

Q) Why should I use a Monroe Rear Cross Conveyor Spreader?
A) The Monroe Rear Cross Conveyor spreader is designed to spread all types of aggregate, hot mix and even soil when used in conjunction with a standard dump body. It is ideal for shoulder maintenance, edge rut filling, patching and ice control. Available from Monroe in either a 12” or 18” wide belt, these versatile units are low-maintenance, self-cleaning units that are great for the small municipal entity that needs to spread good abrasives in the winter, yet can’t afford a separate shouldering machine for spring and summer work.



- Available in Manual or Hydraulic Actuation
- Bolt-On Replaceable 1/2” x 4” Skid Shoe Weldments
- 24” Wide Leveling Box
- Height Adjustable Leveling Blade
- Universal Left or Right Hand Mounts
- Can be raised up and out of the way for transport
- Unit slides on six heavy duty UHMW slider blocks for better support
- Powder Coat Black
- Available for Monroe MS10318 Rear Cross Conveyor
- 1/4” x 2 - 1/2” Slider Angles for support of leveling box

Cross Conveyor Berm Master

4 Locations to Serve You

Monroe, WI

Marshfield, WI

De Pere, WI

Joliet, IL







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800-880-0109

monroe

a brand of aebi schmidt

FEB-23-V2

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Advice, spare parts and service

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