

Rear Cross Conveyor

MS10312/MS10318

MS10312

GENERAL SPECIFICATIONS

WIDTH: 103"
DEPTH*: 28.46 OAL
HEIGHT*: 26.94 OAL
ENDPLATES: 1/4"

CONVEYOR SPECIFICATIONS

ADJUSTABLE FEED GATE (X2):
DISCHARGE:
BELT WIDTH:
BELT THICKNESS:

10" X 10"
LEFT AND/OR RIGHT
12"
3/8"

MS10318

GENERAL SPECIFICATIONS

WIDTH: 103"
DEPTH*: 34.46 OAL
HEIGHT*: 26.94 OAL
ENDPLATES: 1/4"

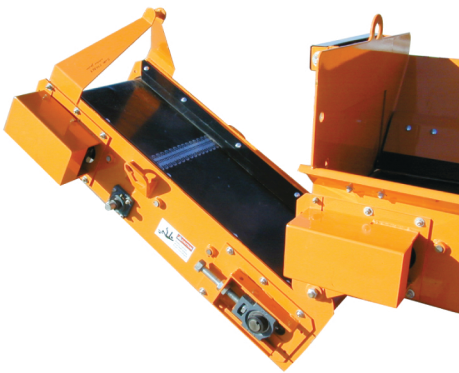
CONVEYOR SPECIFICATIONS

ADJUSTABLE FEED GATE (X2):
DISCHARGE:
BELT WIDTH:
BELT THICKNESS:

10" X 16"
LEFT AND/OR RIGHT
18"
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 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 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" x 2-1/2" Slider Angles for Support of Leveling Box

Cross Conveyor
Berm Master



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



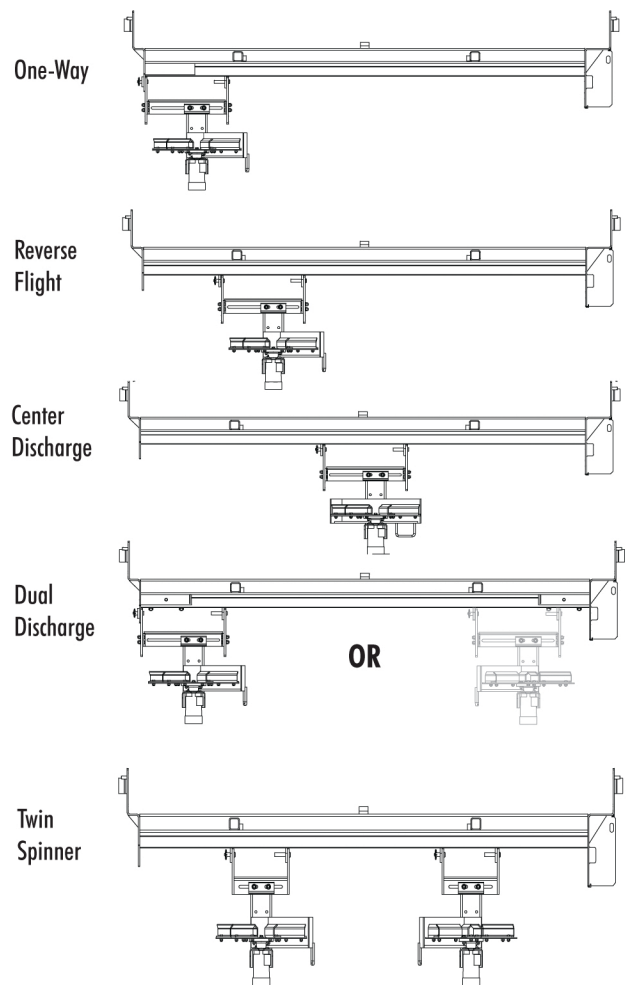
- Low Speed High Torque Hydraulic Motor Directly Coupled to the Auger
- Provides Higher Performance
- Decreased Maintenance Costs

Gearbox Drive

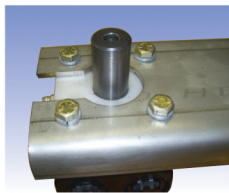


- Drive has 5:1 Reduction with a Direct Attached Motor Coupled to the Auger
- Better Control at Low Spread Rates for More Efficient Spreading
- Incorporated Thru-Shaft for Convenient Spread Rate Sensor Mounting

Discharge Location



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 will force undesired materials away from the motor seal.



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

Spinner Options



	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
18" Stainless Steel	X	X	X	X	X	X	X	X	X	X	X
Accu-place		X	X				X	X			



POWDER COAT

- The ability to withstand high levels of corrosion protection to salt, chemicals, humidity, scratching and impact, far surpassing conventional paint top coats.
- Resists fading from U.V. rays
- Environmentally green process
- Excellent adhesion
- High degree of scuff, chip or scratch resistance



- Environmentally SAFE Process
- Emits NO VOC's
- Contains NO Heavy Metals
- NO Solvent Disposal

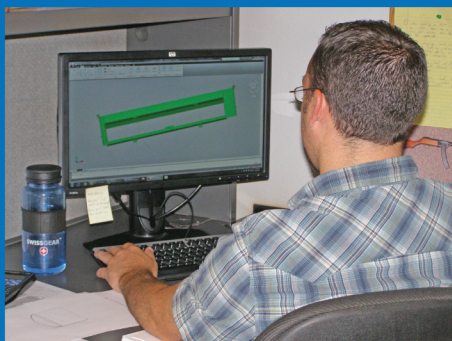
"We use our trucks and equipment in a high chemical and high abrasive environment. Powder coating is the best route for several reasons. The main reason for us is the appearance because we like to have the image of always having superior and functional equipment. For this reason a powder coat finish is the best option for us on our salt spreaders. We also have had great results from the powder coat finish on our Snow Bully Snow Pushers. We own over 20 of them and we have never had to repaint a single one. Some of the v-boxes we have are 10 years old and have had heavy usage. They also have never been repainted. Only minor touch ups due to either driver or loader error. We will never use any type of equipment that does not have a powder coat finish. That is one of the reasons we use Monroe Snow & Ice Control Products exclusively!"

- Trevor Biebrach, Director of Operations, Snow Systems Incorporated



**MTE - Achieving
Exceptional Quality Finishes
Our Customers Demand!**

	MS886	MS966	MS969	MS964DA	88RS	96RS	RT	RTS	ZDRTS	MS10312	MS10318
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					



MTE's Engineering, Research & Development Team

- 6 Design Engineers and 4 Designer Draftsmen
- Design Software: AutoCad, Inventor, Design Space Finite Element Analysis Software for Stress Analysis
- Dedicated R&D Area and Technicians

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