

ANTI-ICER LIQUID SPREADERS

ANTI-ICER LIQUID SPREADERS



IT'S WHAT WE KNOW.

MAINTAIN ROADS IN THE BEST POSSIBLE CONDITION

Swenson Anti-Icers are perfect for controlling snow and ice by preventing the formation on roadways prior to the storm. Anti-Icers were designed to pre-treat areas that need to remain open during winter snow storms. When pavement is pre-treated prior to the storm, the snow or ice will not bond to the pavement. This helps contractors or municipalities become more efficient when the storm arrives by using less material and manpower to clear the area. Anti-Icers allow users to maintain roads in the best possible condition and do it in a more efficient manner. The result is increased traffic safety at a much lower cost. Plus, with a unique space saving design, you can carry other equipment or material in your bed. Swenson offers a wide variety of Anti-Ice control equipment for virtually every application with the features that make it easy to apply the proper material quickly and easily.

IT'S WHAT WE KNOW.



HOW TO CHOOSE THE RIGHT SWENSON ANTI-ICER SPREADER FOR YOUR APPLICATION

With a complete line of versatile anti-icing equipment to choose from, Swenson’s Value Advantage makes it easier than ever to choose the right solution for your specific needs.

Simply use the chart below to determine which Swenson Anti-Icer Sprayer is right for you.

ANTI-ICER SPREADERS

SWENSON LIQUID APPLICATION

VEHICLE APPLICATION GUIDE		PV	MDV	Single Axle	Tandem Axle	The Combo
TRUCK CLASS CHART	Class 2 (6,001 to 10,000 GVW)	x				
	Class 3 (10,001 to 14,000 GVW)	x				
	Class 4 (14,001 to 16,000 GVW)	x				
	Class 5 (16,001 to 19,500 GVW)		x			
	Class 6 (19,501 to 26,000 GVW)		x	x		
	Class 7 (26,001 to 33,000 GVW)			x		x
	Class 8 (33,001 + GVW)				x	x
APPLICATION COVERAGE, WEIGHTS & CAPACITY	Maximum Application Rates	40 gallons / lane mile @ 40 mph	40 gallons / lane mile @ 40 mph	70 gallons / lane mile @ 40 mph	70 gallons / lane mile @ 40 mph	70 gallons / lane mile @ 40 mph
	Lane Coverage	1 lane coverage	1 lane coverage	3 lane coverage	1 lane coverage	3 lane coverage
	Typical Application	Parking lots, driveways, intersections	Parking lots, driveways, intersections, short sections of road	Parking lots, intersections, highways	Parking lots, intersections, highways	Parking lots, intersections, highways
	Liquid Capacity	295 gallons	550 gallons	1000 gallons	1650 gallons	1100 gallons
	Granular Capacity					6.7 cu yds
	Weight (empty)	605 lbs	780 lbs	1500 lbs	2600 lbs	6700 lbs
	Maximum Application Rates	3555 lbs	6280 lbs	11,500 lbs	20,600 lbs	32,500 lbs
SPRAY & NOZZLE GUIDE	Pump Rating	40 GPM @ 40 PSI	60 GPM @ 40 PSI	210 GPM @ 40 PSI	210 GPM @ 40 PSI	210 GPM @ 40 PSI
	Spray Nozzle Type	Variable Orifice	Variable Orifice	Variable Orifice	Variable Orifice	Variable Orifice
	Number of Nozzles	2 nozzles	2 nozzles	12 nozzles	12 nozzles	12 nozzles
	Adjustable Nozzle	x	x	x	x	x
	Adjustable Spray Bar	x	x	x	x	x
OPERATING SYSTEM	Drive	5.5 HP Honda engine	5.5 HP Honda engine	Hydraulic (requires central hydraulic system)	Hydraulic (requires central hydraulic system)	Hydraulic (requires central hydraulic system)
	Control System	Manual Adjustment	Manual Adjustment	Requires 3rd party electronic control systems	Requires 3rd party electronic control systems	Requires 3rd party electronic control systems
OTHER FEATURES	Self Storing Leg Stands	x	x	x	x	x
	Light Bar	x	x	x	x	x
OPTIONS	50 foot Spray Reel	x	x	x	x	Please contact factory for custom options
	300 foot Spray Reel	x	x	x	x	
	Electric Start	x	x			
	Boom extension for 3 lane coverage		x			
	Hydraulic drive		x			

THE COMBO LIQUID/GRANULAR SPREADER



THE COMBO SERIES

Highlights

- The Combo combines the effective deicing capabilities of a granular hopper spreader with the advantages of an anti-icing sprayer in one unit
- 6.7-9.2 cubic yards conveyor drive granular spreader
- 400-800 gallon total liquid capability
- LSSH pre-wet system
- 207 gpm hydraulic driven cast pump for de-icing
- Independent three lane coverage
- Boom design for streamer nozzles
- Integrated self storing leg stand system
- Standard spreader hydraulic requirements
- Factory ready to accept servo systems
- Sold with flow meter (control system required)
- LED ICC light bar
- Designed to accept additional liquid tanks for expanded liquid capacity

Features



Flow meter provides precise control of output.



800 gallon liquid capacity.



800 gallon liquid capacity.



3 electric valves for 3 lane application.

Equipment

Size Specifications:	Designed for tandem axle trucks
Granular Spread Pattern:	4 to 40 feet
Liquid Spray Pattern:	1 to 3 lane coverage
Granular Capacity:	6.7 - 9.2 cu yds
Pre-Wet Drive:	Hydraulic
Anti-Icing Liquid Capacity:	800 gallons
Granular Material Movement System:	Drag Chain
Steel Gauges:	12 gauge body
Warranty Details:	1 year warranty
Options:	Stainless steel leg stands

Materials

Granular

- Rock Salt
- Calcium Chloride
- Magnesium Chloride
- Treated Rock Salt
- Clear Path Ice Melt

Liquid

- Salt Brine
- Calcium Chloride
- Magnesium Chloride



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PV/MDV ANTI-ICER



Features



Five hand adjustable nozzle ports feature stream, fan, and flood nozzle settings to provide complete lane coverage and flexibility.



Space saving tank design allows you to place material or other items in the bed.



Curb side mounted hose reel makes spraying walks and stairways quick and easy.



Wireless remote lets you control all of the functions from the comfort of your cab.

Equipment

Size Specifications:	6' wide adjustable in height spray bar (200 gallon and larger)
Capacity:	100 - 400 gallons (PV) 535 gallons (MDV)
Weight:	275 - 525 lbs
Drive:	6.5 HP Subaru; 6.5 Honda (*optional)
Construction:	Thermo Plastic hopper, stainless steel engine plate and boom cover
Spread Width:	Single lane
Application Rate:	15 to 160 gallons per acre (GPA)
Safety Features:	Lockable lid / Curbside mounted hose reel
Warranty Details:	1 year warranty
Options:	300' hose, electric hose reel

Materials

- Liquid Calcium Chloride
- Liquid Magnesium Chloride



Highlights

- Space saving tank design allows you to use your truck bed to carry bagged material
- 100-535 gallon capacities available
- Wireless remote operation eliminates running cable through your firewall while providing simple operation of your sprayer
- 6.5 HP electric gas engine
- Hitch mount, single lane boom
- Stainless steel boom cover provides protection of your spray bar with a maintenance free metal
- 5 nozzle ports with 3-way adjustable nozzles gives you unlimited spray patterns and application rates
- Jet tank agitation keeps your liquid mixed at all times
- 150' and 300' hose options to provide you to cover more area without moving your vehicle
- Curb side mounted hose reel allows you to spray sidewalks without having to go into traffic
- Adjustable spray gun with interchangeable nozzle tips allows you to spray different material types

PV/MDV ANTI-ICER SERIES

SINGLE TANDEM AXLE ANTI-ICER



SINGLE TANDEM AXLE SERIES

Highlights

- UV protected thermo plastic tanks provide a maintenance free hopper
- Available with fan spray or streamer nozzles for multiple application type
- Independent 3 lane coverage allows you to control your application using electric valves
- Hydraulic liquid pump that you can hook to your hydraulic system
- In-line check valves reduce excessive dripping from your nozzles
- Self storing leg stands allows you to store your equipment when not in use
- Adjustable spray bars to allow the use of trucks with various bed heights
- Rapid discharge port allows you to quickly empty your tanks without going through the spray bars
- Will accept 3rd party electric controls, so you can use in any truck
- All frame components are powder coated to provide a longer lasting frame

Features



Large integrated spray boom provides 1-3 lane coverage with just one pass.



High volume pump connects directly to your existing hydraulic system making installation quick and easy.



Electronic ball valves close quickly and completely eliminating excessive nozzle dripping.

Equipment

Size Specifications:	70 gallons/lane mile @ 40 mph
Capacity:	1000 - 1800 gal tank
Drive:	Central hydraulics
Construction:	Thermo plastic tank, carbon steel/stainless steel frame/leg stand
Spread Width:	1 - 3 lane coverage
Safety Features:	Integrated light board
Warranty Details:	1 year warranty
Options:	Ladder, catwalk, additional booms, hose reel and spray gun

Materials

- Liquid Calcium Chloride
- Liquid Magnesium Chloride



CHOOSE THE RIGHT PRE-WET SYSTEM FOR YOU

Control your material spread pattern and reduce waste with Swenson's unique pre-wetting systems. Designed for use with virtually any PV, MDV, Tailgate, V-Box, or All-Purpose Body spreader, Swenson has a pre-wetting system to meet your needs. Depending on your requirements, Swenson spraying systems offer a remote controlled electric power system or a hydraulic drive system for those trucks that have central hydraulic systems.



LIQUID SPRAY SYSTEMS

VEHICLE APPLICATION GUIDE		PV Pre-Wet Tanks	MDV Pre-Wet Tanks	V-Box Pre-Wet Tanks	Tailgate Pre-Wet Tanks	APB Pre-Wet Tanks
TRUCK CLASS CHART	Class 2 (6,001 to 10,000 GVW)	x				
	Class 3 (10,001 to 14,000 GVW)	x				
	Class 4 (14,001 to 16,000 GVW)	x				
	Class 5 (16,001 to 19,500 GVW)		x			
	Class 6 (19,501 to 26,000 GVW)		x		x	
	Class 7 (26,001 to 33,000 GVW)			x	x	x
	Class 8 (33,001 + GVW)				x	x
APPLICATION COVERAGE, WEIGHTS & CAPACITY	Typical Application	Pre-wetting granular material to increase yield and minimize material loss	Pre-wetting granular material to increase yield and minimize material loss	Pre-wetting granular material to increase yield and minimize material loss	Pre-wetting granular material to increase yield and minimize material loss	Pre-wetting granular material to increase yield and minimize material loss
	Liquid Capacity	Two 15 gallon poly tanks	Two 30 gallon poly tanks	90 to 135 gallon poly tanks	135 gallon poly tanks	Customizable
	Weight (empty)	118 lbs	157 lbs	90 gal. - 170lbs, 135 gal. - 152 lbs	152 lbs	
SPRAY & NOZZLE GUIDE	Required Pump	Electric Pump included	Electric Pump included	LSSE (electric) or LSSH (hydraulic)	LSSE (electric) or LSSH (hydraulic)	LSSE (electric) or LSSH (hydraulic)
	Pump Rating	3 GPM at 50 PSI	3 GPM at 50 PSI	3 GPM at 50 PSI - electric, 7 GPM at 50 PSI - hydraulic	3 GPM at 50 PSI - electric, 7 GPM at 50 PSI - hydraulic	3 GPM at 50 PSI - electric, 7 GPM at 50 PSI - hydraulic
	Spray Nozzle Type	Variable Orifice	Variable Orifice	Variable Orifice - electric, fixed orifice - hydraulic	Variable Orifice - electric, fixed orifice - hydraulic	Variable Orifice - electric, fixed orifice - hydraulic
	Number of Nozzles	2 nozzles	2 nozzles	LSSE - 2 nozzles, LSSH - 4 nozzles - hydraulic	LSSE - 2 nozzles, LSSH - 4 nozzles - hydraulic	LSSE - 2 nozzles, LSSH - 4 nozzles - hydraulic
	Adjustable Spray Bar	x	x	x	x	x
OPERATING SYSTEM	Drive	Weather tight 12v electric drive	Weather tight 12v electric drive	Weather tight 12v electric drive or hydraulic drive	Weather tight 12v electric drive or hydraulic drive	Weather tight 12v electric drive or hydraulic drive
	Control System	Variable speed in cab controller with audible alert for low system pressure				

**Look to Swenson for
all your equipment needs.**



Swenson offers a wide range of spreaders, dump bodies and liquid application equipment that can be customized to meet your exact needs. It's what sets us apart from the competition. We know it's critical to make sure you have the proper equipment right from the start.



Dump Bodies

Available in a wide variety of sizes from 9' to 15'; 5 to 16 cu. yds.



Insert Dump Beds

Available in 6.5' and 8' lengths; 1.5 and 2.24 cu. yds.



All Purpose Bodies

Available from 9' to 15'; and 2.5 to 16 cu. yds.



Tailgate Spreaders

Available in Under and Replaceable Tailgate models or Tailhawk pick-up spreader.



Cross Conveyors

The perfect solution for laying material anywhere.

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