

# BrineXtreme

Professional Grade Salt Brine Systems for Clear Roads & Reduced Salt Consumption

100% AUTOMATED ■ 100% REPEATABILITY ■ CONTINUOUS PRODUCTION ■ PERFECT 23.3% SALT CONCENTRATION BY WEIGHT



**BrineXtreme INFINITY**  
With Auto-Clean Technology™



**BrineXtreme ADVANTAGE**  
INTEGRATED PRO CONTROLS

**Revolutionary design!** The BrineXtreme® Infinity™ delivers continuous salt brine and simultaneously self-cleans without the need to stop brine production! That's the power of Auto-Clean Technology™! Connect to power, connect to water, fill the hopper with rock salt, start the system and you're making professional grade salt brine.

Features include a 5 cu. yd. salt hopper, production rates up to 10,000 GPH, 100% automation and repeatability, protected mechanicals, triple-filtered, and splash-free brine transfer. Pair this brine maker to either Pro or Ultimate controls to meet your needs.

The BrineXtreme® Advantage™ brings reliable, consistent brine production to the masses. Connect to power and water, fill the hopper with rock salt, start the system and you're making professional grade salt brine. This brine making workhorse features a 4.67 cu. yd. salt hopper, production rates up to 10,000 GPH, splash-free brine transfer, large, unobstructed cleanout openings and more. System flexibility is the cornerstone of the BrineXtreme® line. Match this brine maker to either Pro or Ultimate controls to meet your needs. Pro controls can be integrated or separated from the brine maker.



**BrineXtreme TRUCK FILL STATION**

**Works with any brine maker with Pro Controls and BrineXtreme Mobile Unit**

Modular stand-alone truck fill	Multiple users w/ unique PIN numbers
Plug and play installation	Remote access
Stacking, up to 3 products	Secure data
Data logging	

**BrineXtreme INFINITY MOBILE UNIT**  
With Auto-Clean Technology™

The full capabilities of the BrineXtreme® Infinity™ available on a portable platform trailer!

Pair with either Pro or Ultimate controls.

GENERATOR & COMPRESSOR INSIDE OPTIONAL



## SALINITY CONTROLS

### PRO CONTROLS

- Up to 6,000 GPH
- Salt concentration accurate to 0.01 SG
- Makes basic brine (no additives)
- 5.8" LCD touch screen
- Add Truck Fill Pro to blend up to 3 products

## SALINITY CONTROLS WITH TRUCK FILL

### ULTIMATE CONTROLS

- Up to 10,000 GPH
- Salt concentration accurate to 0.01 SG
- With Infinity: makes basic brine with up to 4 additives and up to 3 micro ingredients
- With Advantage: makes basic brine with up to 3 additives and up to 3 microingredients
- Variable fill rates (20-400 GPM)
- Fill up to 3 trucks simultaneously
- 10.4" LCD touch screen



# Green™



Enjoy a Greener, Safer World!

Henderson uses advanced equipment and precision application techniques to deliver material where it's needed most. The result: reduced salt application rates, reduced environmental footprint and clear roads.

### Environment

Cleaner roadsides, ditches and ground water

### Economy

Cut cost by reduced trips, saving on fuel & manpower  
Allows reduced application rates, in some cases up to 50%

### Safety

Improve travel conditions faster and more effectively

## Ice Control Process

1 Make Perfect Brine

23.3% Salt Concentration by Weight

2 Anti-Ice Application

Prevents Snow & Ice from Bonding

3 Deicing Application

Eliminates Remaining Snow & Ice

Following these best practices can reduce salt usage up to 50%.

### ALL-INCLUSIVE PACKAGES!

Pricing includes equipment, hydraulics, installation and delivery!

Register today to purchase off the contract! [www.sourcewell-mn.gov](http://www.sourcewell-mn.gov)

© Henderson Products, Inc., A division of Douglas Dynamics, L.L.C., reserves the right in pursuit of continuous product improvement to change specifications used herein. As a custom manufacturer of truck bodies, truck equipment and brine systems, additional product options may be available that are not shown here.



1085 S. Third Street, Manchester, IA 52057  
Toll Free: (800) 359-4970  
[www.HendersonProducts.com](http://www.HendersonProducts.com)



CONTRACT: 080114-HPI



HP-190 5/19



## GREEN PRODUCTS GUIDE



Environment | Economy | Safety

## FIRST RESPONSE™ PREMIUM LIQUID ANTI-ICING & DEICING SYSTEM

**4 IN 1**  
**ANTI-ICE  
SLURRY  
PRE-WET  
GRANULAR**  
COVERAGE UP TO 3 LANES

The First Response System is Henderson's premium 4-in-1 system. This neatly packaged system is fully enclosed, constructed of stainless steel and easily drives material using dual counter-rotating 7" augers. The dual augers also handle mixing duties for the slurry application, ensuring salt crystals are 100% saturated and activated prior to leaving the hopper. The First Response System easily adapts to varying road and weather conditions, allowing the driver to adjust on the fly from the convenience of the cab.

LENGTH	GRANULAR CAPACITY (cu. yd.)	LIQUID CAPACITY (gallons)	TRUCK CHASSIS
9' to 12'	5.2 to 7.0	900 to 1,200	72" to 108" CA
13' to 15'	7.5 to 8.7	1,300 to 1,500	96" to 120" CT

**ANTI-ICING FACT**  
Pre-storm liquid brine applications prevent snow & ice from bonding to a road's surface. Can reduce rock salt application rates up to 30%.



**BEST-IN-CLASS PERFORMANCE**  
**SLURRY APPLICATION**  
A TRUE SLURRY GENERATED IN THE BODY DELIVERS LARGE FULLY SATURATED SALT CRYSTALS FOR AN IMMEDIATE BURN & LONG LASTING RESIDUAL.  
**THE HENDERSON ADVANTAGE**

## TASK FORCE™ LIQUID ANTI-ICING & DEICING SYSTEM

**4 IN 1**  
**ANTI-ICE  
SLURRY  
PRE-WET  
GRANULAR**  
COVERAGE UP TO 3 LANES

The Task Force expands on Henderson's FSH spreader technology, turning it into a 4-in-1 system. The system is self-contained, constructed of stainless steel, utilizes dual poly liquid tanks and has a number of material delivery options. To implement the system's slurry capabilities, you'll need to select the dual counter-rotating 7" auger option. Like the FRS, the Task Force easily adapts to varying road and weather conditions, allowing the driver to adjust on the fly from the convenience of the cab.

**DEICING FACT**  
Slurry and pre-wet applications reduce scatter, keep material on the road and can reduce rock salt application rates up to 30%.

LENGTH	GRANULAR CAPACITY (cu. yd.)		LIQUID CAPACITY (gallons)	TRUCK CHASSIS
	54" or 56" SIDE HEIGHT	60" or 62" SIDE HEIGHT		
10' to 12'	6.9/8.2 to 8.4/9.9	8.3/9.6 to 9.9/11.4	400	84" to 108" CA
13' to 16'	9.0/10.7 to 11.0/13.0	10.7/12.4 to 13.0/15.0	400 to 800	96" to 132" CT

**MATERIAL DELIVERY OPTIONS**

- Chain (standard)
- Chain (bar every link)
- Belt-over-chain
- Single 7" auger
- Dual counter-rotating 7" augers



## BLACKBELT MAXX™ ALL-SEASON MULTI-PURPOSE BODY

**4 IN 1**  
**ANTI-ICE  
SLURRY  
PRE-WET  
GRANULAR**  
COVERAGE UP TO 3 LANES

The BlackBelt Maxx is a monumental leap forward in the evolution of combination bodies. Following in the footsteps of its 4-in-1 counterparts, it handles winter weather with ease. The system: self-contained design, dual stainless steel liquid tanks, 54" wide pure belt conveyor system and a 9" auger built into the removable tailgate for slurry mixing. And if that isn't enough, the system is a year round work horse. When the BlackBelt Maxx is not fighting winter weather, it's focused on high volume material hauling.

LENGTH	GRANULAR CAPACITY (cu. yd.)	LIQUID CAPACITY (gallons)	TRUCK CHASSIS
11' to 12'	8.45 to 9.25	330 to 380	96" to 108" CA
13' to 17'	10.05 to 13.25	440 to 660	96" to 144" CT



Standard System Controls - Cab Mounted or Body Mounted

Optional Wireless System Controls

**BEST-IN-CLASS PERFORMANCE**  
**SLURRY APPLICATION**  
A TRUE SLURRY GENERATED IN THE TAILGATE DELIVERS LARGE FULLY SATURATED SALT CRYSTALS FOR AN IMMEDIATE BURN & LONG LASTING RESIDUAL.  
**THE HENDERSON ADVANTAGE**



## LAS™ LIQUID APPLICATION SYSTEM

**ANTI-ICE  
DUST CONTROL  
& MORE**  
COVERAGE UP TO 3 LANES

Henderson's LAS is a max capacity liquid application system. Using adjustable spray tips and metered flow rates, the system can be dialed in to eliminate waste. Ideal as a high capacity anti-ice system, the LAS also excels at a number of other tasks: dust control, weed control, water transportation, plant watering, soil stabilization and even fire control. The system was designed to quickly slip in and out of existing dump bodies.

**TANK CAPACITIES**

- 2,035 gallon
- 1,800 gallon
- 1,635 gallon
- 1,235 gallon
- 925 gallon



Beveled poly tanks (520 to 900 gals.) act as a v-box spreader, funneling granular material (salt or sand) to the center.

Upgrade your dump body today by adding pre-wet and anti-ice capabilities

## HI-TECH WEDGE TANKS™ LIQUID APPLICATION SYSTEM

- Wedge tanks provide high volume liquid capacity (520 to 900 gals.)
- Spray bar system included for anti-ice applications, single or multi lane coverage
- Direct Cast included for precision control over granular material



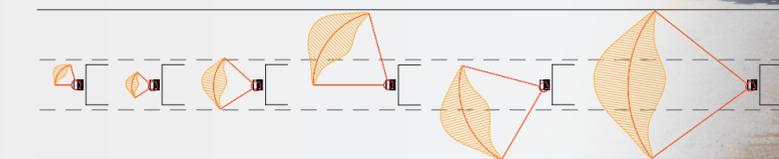
## WEDGE TANKS™ LIQUID APPLICATION SYSTEM

Henderson's Wedge Tanks turn a basic dump body into a multi function system: apply a direct liquid anti-ice solution, pre-wet salt or distribute straight salt/sand. This economical solution can be partnered with a Henderson tailgate spreader and anti-ice spray bar to turn a fleet of existing dump bodies into storm fighters virtually overnight. We've also introduced the Hi-Tech Wedge Tanks system for use with the flat floor MuniBody. Both systems can be installed or removed with ease.



## DIRECTCAST™ ON-THE-GO DIRECTIONAL CONTROL

The Direct Cast is a precision delivery system for granular material (dry or wet). This body/spreader accessory offers convenient in-cab control, covers up to three lanes simultaneously and can be maneuvered on the fly to avoid spraying oncoming traffic. Reduce waste by applying controlled amounts of material exactly where it's needed. The Direct Cast is designed for use with a number of Henderson systems: First Response, Task Force, BlackBelt Maxx, MuniBody, FSH, FSM, FSP, RTS and TGS.



Photos may show optional equipment.