

PWS

**Pre-Wetting Systems
Hydraulic & Electric**

Henderson

All the versatility for any application you may have...



V-Box Truck Frame Mounting



V-Box Dump Body Mounting



MUNIBODY Mounting with 304SS Tanks

Increase the effectiveness of your ice control program, while reducing overall costs with Henderson Pre-wetting Systems (PWS). These on-board liquid pre-wetting systems coat the material with various pre-wetting agents as it's being spread. The PWS provides the following benefits to your snow and ice removal program:







- Quicker formation of a brine solution
- Brine forms and melts ice at lower temperatures
- Helps adhere granular material to pavement
- Reduces salt spread rates along with the number of applications

With the PWS, precise measuring and distribution is easy. Simply dial in the applications rate and the PWS does the rest... even tells you when it's empty. It's one smart machine. And there are models available for any application you may have.

Consider the intelligent engineering of the PWS Systems for your pre-wetting applications. You'll find once again, the smart money's on...

*The
Dependable
Ones*

FEATURES & SPECIFICATIONS

ELECTRIC		HYDRAULIC	
<p>Henderson PWS-E controls a 12 volt DC pump rated up to 3 G.P.M. It delivers constant flow to the variable displacement orifice.</p>		<p>Henderson PWS-H pre-wet systems are driven by the exhaust oil from the spreader conveyor/auger drive motor. This keeps the liquid gallon/ton proportional to the granular material regardless of conveyor speed.</p>	
IN-CAB CONTROLS	<p>PWS-E</p> 	<p>PWS-H-I</p> 	<p>PWS-H-II</p> 
	<ul style="list-style-type: none"> ON/OFF switch. Variable speed control allows for increasing or decreasing material saturation (gal./ton). High pressure LED to alert operator of clogged nozzles. Tank empty LED alerts operator of clogged filter/tank empty. 	<ul style="list-style-type: none"> ON/OFF switch. High pressure LED to alert operator of clogged nozzles. Tank empty LED alerts operator of clogged filter/tank empty. 	<ul style="list-style-type: none"> ON/OFF switch. Console allows for “On the fly” variable adjustment of gallon/ton. High pressure LED to alert operator of clogged nozzles. Tank empty LED alerts operator of clogged filter/tank empty.
DRIVE SYSTEMS			
	<ul style="list-style-type: none"> 12 volt DC electric motor/pump combination. Drive system is completely enclosed by a molded fiberglass housing with a sealed removable lid. 	<ul style="list-style-type: none"> The gallon/ton is easily set by adjusting the manual flow divider in the rear mounted control box. Sealed enclosures, utilize compression fittings and all plumbing and electrical components. Stainless steel high pressure tubing. 	<ul style="list-style-type: none"> The gallon/ton is easily adjustable from the cab via a PWM flow divider

RESERVOIR

- 75 gallon rotation molded polyethylene tank with 5” diameter vented fill cap standard on V-box & tailgate spreader applications.
- 304SS fender mounted tanks standard on MUNIbody applications.
- Corrosion-resistant components throughout.
- Replaceable in-line screen strainer.
- Shut-off valves.
- Supplied with bulk tank fill quick couplings.

METERING ORIFICE

- Variable displacement orifice provides an extended range of material output, while significantly out performs fix displacement orifice.
- Eliminates clogging and wear associated with conventional nozzles.

OPTIONAL EQUIPMENT

- Additional tanks available for increased capacity.
- Tank options available for full size V-box spreaders, pick-up spreaders, tailgate spreaders and MUNIbody applications.
- 100 gallon polyethylene tanks for V-box spreader applications
- Hydraulic pump assembly available with in-line flow meter



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