



PWS

Electric & Hydraulic Pre-Wetting Systems

Increase the effectiveness of your ice control program, while reducing overall costs with Henderson PWS - Pre-wetting Systems. 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 plan:

- Quicker formation of a brine solution.
- Brine forms and melts ice at lower temps
- 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 application rate and the PWS does the rest, including notifying you when it's empty. It's one smart machine. And there are models available for any application.

Consider the intelligent engineering of the PWS systems for your pre-wetting applications!



SPREADER APPLICATION



DUMP BODY APPLICATION



DUMP BODY APPLICATION



MUNIBODY APPLICATION

PRE-WETTING SYSTEM

The Dependable Ones™

ELECTRIC**HYDRAULIC**

Henderson PWS-E controls a 12 volt DC pump rated up to 3 GPM. It delivers constant flow to the variable displacement orifice.

Henderson PWS-H pre-wet systems are driven by the exhaust oil from the spreader conveyor/auger drive motor. This keeps the liquid/ton proportional to the granular material regardless of conveyor speed.

IN-CAB CONTROLS**PWS-E**

- 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.

PWS-H-I

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DRIVE SYSTEMS

- 12 volt DC electric motor/pump combination.
- Drive system is completely enclosed by a molded fiberglass housing with a sealed removable lid.



- The gal./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.

RESERVOIR

- 75 gallon rotation molded polyethylene tank with 5" diameter vented fill cap standard on V-box and tailgate spreader applications.
- Stainless steel fender-mounted tanks are standard on MuniBody applications.
- Corrosion-resistant components used throughout.
- Replaceable in-line screen strainer.
- Shut-off valves.
- Supplied with bulk tank fill quick couplings.

METERING ORIFICE

- Two variable displacement orifices provide an extended range of material output, while significantly outperforming fixed displacement orifices.
- Eliminates clogging and wear associated with conventional nozzles.

OPTIONS

- Additional tanks for increased capacity
- Tank options available for full-size spreaders, pickup spreaders, tailgate spreaders & Muni-Body spreaders
- 100-gallon polyethylene tanks for V-box spreaders
- 200-gallon tanks polyethylene tanks for V-box spreaders
- Fixed displacement brass nozzles
- Hydraulic pump assembly with in-line flow meter

COMPLETE MUNICIPAL SNOW & ICE CONTROL SOLUTIONS

PLOWS • WINGS • UNDERBODY SCRAPERS • SAND & SALT SPREADERS • STANDARD & PRECISION SPINNERS • DUMP BODIES • COMBINATION (MUNICIPAL) BODIES
BRINE PRODUCTION & MANAGEMENT SYSTEMS • ANTI-ICE SYSTEMS • PRE-WET SYSTEMS • SLURRY SYSTEMS • COMPLETE TURNKEY PACKAGES



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