

Pre-wet Systems

Pre-wet - Application of a liquid chemical ie. Salt brine, calcium chloride, magnesium chloride, etc. to a granular material.

Why Pre-wet?

1. Faster reaction time to start the brine process.
 - In-order for the rock salt to breakdown it must have moisture.
2. More material stays on road surface where spread.
 - Test results from many states show that on average 30% of dry salt is lost off the road surface upon application.
3. Allow you to use less product.
 - Salt that has been pre-wetted had a loss rate of 4% on average.



Available Pre-wet Systems:

LDS-333 Electric Liquid Dispensing System
LDS-455 Hydraulic Liquid Dispensing System

Electric Close Loop System
Hydraulic Open or Closed Loop System

Components of a Pre-wet System



Tanks - Available in many different volumes and shapes. Poly tanks have integrally molded threads, baffles and sash guards for the lid



Pump - Hydraulic or Electric. Displacement is typically from 3-7 gallons per minute.



Control and Harness



Plumbing Fittings



Nozzles

For questions or to place an order, please contact HAWKEYE TRUCK EQUIPMENT at 515-289-1755 or 1-800-622-8223.



Open Loop vs. Closed Loop

Closed Loop has a flow meter installed in the plumbing to measure flow. The flow meter emits electrical pulses that are received by a ground speed controller. The control monitors the amount of pulses relative to granular product dispensed.

Open Loop does not contain a flow meter. It may be driven off of the exhaust oil of the conveyor so that as the conveyor speeds up the pre-wet pump also increases. This keeps your ratio of granular to liquid equal.



Tailgate Mounted Pre-wet System



Behind the Cab Pre-wet System



V-Box with Pre-wet System

For questions or to place an order, please contact HAWKEYE TRUCK EQUIPMENT at 515-289-1755 or 1-800-622-8223.



In-Bed Tank Pre-wet System



Fender Mounted Pre-wet System

