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

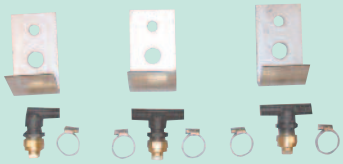
Components of a Pre-wet System

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

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

Control and Harness

Plumbing Fittings



Nozzles

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

In-Bed Tank Pre-wet System

Fender Mounted Pre-wet System

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