



DEICING DEPOT

Your specialist for De-Icing chemicals and equipment

www.deicingdepot.com

SOP

750 Gallon Brine Applicator

Follow the steps as listed for your applicator.

Steps For Applying Brine

1. Install and secure 750 gallon brine applicator in vehicle of choice.
2. Install the Spray Boom receivers (2) and be sure that is securely fitted to the vehicle. Install the 3 types of spray nozzles to each turret and select tip of choice. 1 Pencil tip, 1 Tri Tip, 1 Fan nozzle should be on each turret.
3. Connect the 3 Boom hoses to the male cam lock by color code to the discharge side of the electric flow valves.
4. Install the console in the cab of the truck.
5. Insure the (2) 12 volt power supplys are connected to the battery. 1 powers the console and 1 powers the spray unit.
6. Connect GPS receiver to console and be sure GPS has clear view of the sky.
7. Connect 12 volt Power supply, Teejet controller and Motor Control wires to the spray unit. There are 3 connections in all at the front left corner of the brine Applicator. Apply Dielectric Grease to all connections.
8. Check Engine Oil and fill gas tank with 87 Octane Gas.
9. Fill Brine Tank with 750 gallons on Brine.
10. To insure proper flow be sure to follow flow arrows on the (2) dual ball valves. One under hose reel and one atop pump housing.

11. Start Honda Motor Pump to prime and insure all air is out of system by opening the back pressure valve, once air has been evacuated close back pressure flow valve and slightly crack open.
12. From the cab of the truck turn the console on, switch MASTER switch to the up position, and then turn on booms of choice using switches 1, 2, or 3.
13. Begin driving vehicle with console and boom selection 1,2 or 3 or any combination of the 3 or all 3. If an alarm sounds you are driving too fast or too slow.
14. Select boom options as needed. Center boom nozzles for drive lanes, add Boom Busters for wider applications.

Hose Reel

To use hose reel, pull locking pin out, open ball valve, open spray gun and adjust pattern as needed by the thumb adjustment lever on the gun. Hose reel is equipped with electric motor to roll up hose by activating the gray push button.

Brine Loading and Unloading options:

The Brine applicator system is fitted with load and unloading two way ball valves and female cam locks:

To load with Gas Pump, the two way ball valve on the left rear of system must be in the position with fill hose connect to flow into pump, see arrows for flow direction.

To unload unused Brine back into storage, the two way ball valve located top of pump housing must be in the flow position with discharge hose connect to valve and storage tank.