



# DEICING DEPOT

Your specialist for De-Icing chemicals and equipment

[www.deicingdepot.com](http://www.deicingdepot.com)

## SOP

### 300 Gallon Brine Maker

Follow the steps as listed for your 300 Gallon Brine Made Easy.

#### Steps For Making Brine

1. Connect 2 circulation hoses, 1 to suction and 1 to circulation.
2. Connect suction hose to intake side of electric pump.
3. Connect circulation hose to discharge side of electric pump.
4. Connect discharge hose to discharge side of electric pump and to storage tanks or brine sprayer. Insure Ball valve is closed during making of brine.
5. Fill Tank with 270 Gallons of clean water.
6. Open Circulation Valve.
7. Plug Electric Motor in to a 20 Amp circuit, turn on pump.
8. Once the water begins to churn, begin to slowly add 11- 50 lb. bags of Rock Salt.
9. After the 11th-50 lb. bag of Rock Salt is added, run for 30 min in circulation mode, top suction.
10. Test Brine mixture with Salometer Meter to insure 23 to 24% solution. Add Rock Salt or Time to achieve 23-24%
11. Open valve to empty Brine into Storage Tank or Application Devise.
12. Do not completely empty Brine Maker close the Valve to Storage Tank or Application devise while opening the circulation valve.
13. Begin again with step 5 as needed to fill Storage Tanks or Application Device.

**Brine Maker Cleanup and Storage Procedures.**

1. Load 25 gallons of water.
2. Start Motor after checking Gas and Oil.
3. Open Circulation Valve.
4. Circulate for 5 minutes.
5. Close Circulation Valve
6. Attach fill hose from Brine Maker to Storage Tank, open Valve pump mixture into Storage Tank or Application Device
7. Repeat as needed to insure Pump and Hoses are free of debris.
8. Remove Filter and clean with water.
9. Remove Drain Plug from Pump housing.
10. Brine Maker is ready for storage.
11. Dispose of Rock Salt Bags and other trash in approved refuse area.
12. Clean up all Rock Salt Spills and Dispose of properly