



ACCUBRINE™ AUTOMATED BRINE MAKER

*Keep your roads safer
with fewer operator hours.*

Brine is a highly effective solution for combating snow and ice issues on roadways. With its ability to work as a pre-treatment, brine is becoming an increasingly effective and economic deicing choice.

Now, Cargill Deicing Technology makes brine production more efficient and cost-effective than ever with ingenious new technology—AccuBrine™ automated brine maker. The AccuBrine™ automated brine maker gives you all the benefits of brine use—without the typical production and supply headaches.

All the benefits of brine—now faster, cleaner, and more efficient.

Helps achieve your ideal salt concentration.

The AccuBrine™ automated brine maker puts you in control.

- You produce your own brine. Typical production and supply hassles are drastically reduced.
- The AccuBrine™ automated brine maker allows you to produce brine on demand when the need arises, or store it for later use.
- Produce your own “hot mixes.” Blending additives is easy and accurate with the AccuBrine™ automated brine maker. Additives can be injected from 0 to 100%.

Lower your operational costs.

- The AccuBrine™ automated brine maker is a great investment. The initial investment is quickly recovered in money saved in operational costs.
- State-of-the-art control system frees up employees for other duties.
- Low maintenance. The AccuBrine™ automated brine maker is constructed of non-corrosive, marine-grade fiberglass. The construction is both reliable and durable.

State-of-the-art automated production.

- Consistent quality. Concentration levels are continuously monitored to ensure brine meets your specifications.
- Programmable Logic Controller. The PLC initiates the dilution process while a second sensor re-checks concentration and accepts or rejects the batch.
- “Smart” sensors monitor valve function. The PLC and sensors work together to determine whether all valves are functioning. Manual valves override electric components if needed.
- Accurate data tracking. The PLC tracks daily and seasonal data including production volume, water, salt, and additives usage, and operator hours.

Self-diagnostics help save time and money.

- Problems are identified. In the event of a malfunction, the PLC informs the operator of the failure and provides corrective measures.

Clean equipment means quality brine.

- Bottom-down water flow. The water flow design produces a cleaner, more highly concentrated brine.
- Cleaner brine means less sediment (sand, silt, etc.). Sediment buildup in storage tanks is reduced. Flow meter and pump-seal failures are less likely.
- Fast, effective cleanout. Simply open cleaning valves and sediment is flushed through the built-in sump.

