



# BrineXtreme®



PROFESSIONAL GRADE BRINE SYSTEMS



# BrineXtreme<sup>®</sup> INFINITY<sup>™</sup>

US Patent 13/656,412. Other patents pending.

With Auto-Clean Technology<sup>™</sup>

The BrineXtreme<sup>®</sup> Infinity<sup>™</sup> delivers continuous salt brine and simultaneously self-cleans without the need to stop brine production! That's the power of Auto-Clean Technology<sup>™</sup>! Connect to power, connect to water, fill the hopper with rock salt, start the system and you're making professional grade salt brine.

An easy-to-operate brine making powerhouse, the BrineXtreme<sup>®</sup> Infinity<sup>™</sup> features a 5 cu. yd. salt hopper, production rates up to 7,500 GPH, salt concentration accurate to 0.01 SG, 100% automation and repeatability, protected

mechanicals, triple-filtered, splash-free brine transfer, intuitive touch screen display, data logging, storage tank level monitoring, UL Listed salinity control and more. System flexibility is the cornerstone of the BrineXtreme<sup>®</sup> line. Pair this brine maker to either Pro or Ultimate controls to meet your needs.

BRINE PRODUCTION  
**CONTINUOUS/AUTOMATED**

CLEANOUT  
**CONTINUOUS/AUTOMATED**

AVAILABLE CONTROLS  
**PRO OR ULTIMATE**

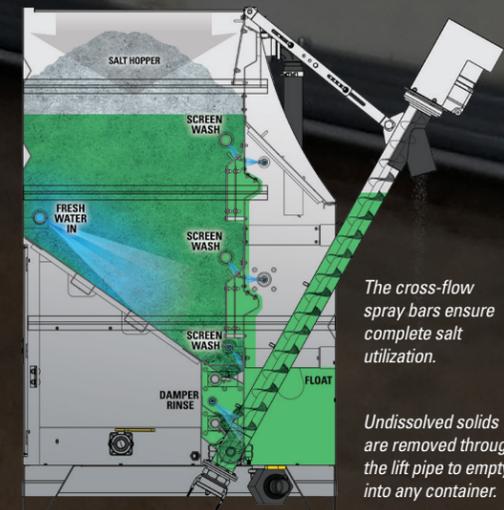
GALLONS/HOUR OUTPUT  
**UP TO 6,000 (PRO) / 7,500 (ULTIMATE)**

HOPPER WIDTH  
**11'**

HOPPER CAPACITY  
**5 CU. YD.**



OVERALL DIMENSIONS	169.49" x 92.30" x 102.05"
HOPPER FOOTPRINT	132.00" x 58.75"
HOPPER OPENING	128.27" x 32.39"



The cross-flow spray bars ensure complete salt utilization.

Undissolved solids are removed through the lift pipe to empty into any container.



# BrineXtreme<sup>®</sup> ADVANTAGE<sup>™</sup>

US Patent 13/656,412. Other patents pending.

The BrineXtreme<sup>®</sup> Advantage<sup>™</sup> brings reliable, consistent brine production to the masses. Connect to power and water, fill the hopper with rock salt, start the system and you're making professional grade salt brine. This brine making workhorse features a 4.67 cu. yd. salt hopper, production rates up to 7,500 GPH, splash-free brine transfer, large, unobstructed cleanout openings and more. System flexibility is the cornerstone of the BrineXtreme<sup>®</sup> line. Match this brine maker to either Pro or Ultimate controls to meet your needs. Pro controls can be integrated or separated from the brine maker. Add Truck Fill Station for mixing/blending and truck or tank filling capabilities.

BRINE PRODUCTION  
**CONTINUOUS/AUTOMATED**

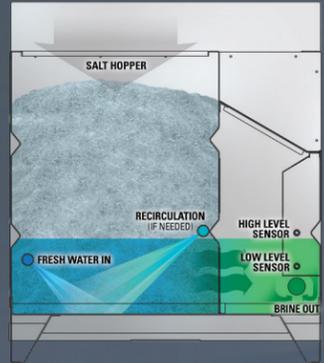
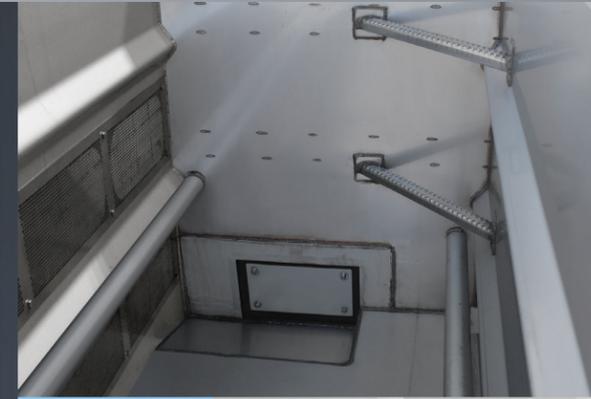
CLEANOUT  
**MANUAL** (SEE SPECS BELOW)

AVAILABLE CONTROLS  
**PRO OR ULTIMATE**

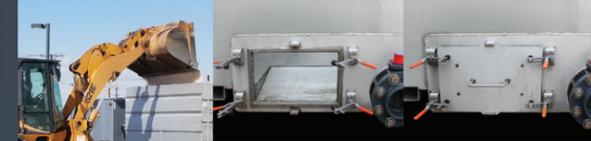
GALLONS/HOUR OUTPUT  
**UP TO 6,000 (PRO) / 7,500 (ULTIMATE)**

HOPPER WIDTH  
**11'**

HOPPER CAPACITY  
**4.67 CU. YD.**



Undissolved solids are removed through the large opening. Cross-flow brine transfer for splash-free performance.



Pro Controls can be attached or detached.

OVERALL DIMENSIONS	165.19" x 54.25" x 63.03"
HOPPER FOOTPRINT	132.00" x 54.00"
HOPPER OPENING	128.27" x 32.39"
CLEAN OUT: SOLIDS	15.00" x 9.00" PANEL
CLEAN OUT: FINES	3.00" BUTTERFLY VALVE
CLEAN OUT: FLOOR	SLOPED



Shown above with Truck Fill Station. Product design subject to change.



## BRINEXTREME® SYSTEM SALINITY CONTROLS

### ULTIMATE CONTROLS

**CAPABILITIES**  
**BRINE PLUS BLEND UP TO 3 ADDITIVES,  
 3 MICRO INGREDIENTS & FILL  
 3 TRUCKS SIMULTANEOUSLY**

**SALINITY CONTROL**  
**AUTOMATED/23.3%**

**ACCURACY**  
**+/- 0.01 SPECIFIC GRAVITY**

**OUTPUT**  
**UP TO 7,500 GPH**

**TRUCK FILL RATE**  
**VARIABLE/20-400 GPM**



**ULTIMATE CONTROLS**

### PRO CONTROLS

**CAPABILITIES**  
**BASIC BRINE**  
*Add Truck Fill Station to blend up to 3 products/fill trucks*

**SALINITY CONTROL**  
**AUTOMATED/23.3%**

**ACCURACY**  
**+/- 0.01 SPECIFIC GRAVITY**

**OUTPUT**  
**UP TO 6,000 GPH**

**FLOW RATE**  
**UP TO 100 GPM**



**PRO CONTROLS**

Handles All Salt (Treated/Untreated)	Yes	Yes
Motor Drive	Variable Speed	On / Off
Brine Measurement	Density	Density
Accuracy	+/- 0.01 SG	+/- 0.01 SG
Salinity Control	100% Automated	100% Automated
Brine Making Volume Measurement	Solid State Flow Meter	Open Loop
LED Touch Screen	10.4"	5.8"
Data Logging	Yes	Yes
Storage Tank Level Monitoring	Yes	Yes
Built-in Self Diagnostics	Yes	Yes
Cellular Remote Access	Included First Year Optional After 1 Year	Optional
Controls Cabinet Weatherproofing	NEMA 4X	NEMA 4X
UL Listed	Yes	Yes
Pump Design	Pedestal / Cast Stainless	Pedestal / Cast Stainless
Valves	Pneumatic Diaphragm	Electric Ball (24v DC)
Pump Motor	3.5, 5 & 7.5 HP	3 HP
Voltage/Phase	220v Single Phase or 208/480/525 Three Phase	220v Single Phase
System Expandable	Yes	No

## STORAGE TANKS & STRUCTURES

**TANK CAPACITIES AVAILABLE:**  
**10,000 GALLON**  
**10,500 GALLON**  
**13,000 GALLON**

**STRUCTURE SIZE AVAILABLE FOR  
 ULTIMATE / ULTIMATE II / INFINITY:**  
**12 x 16 x 8'**  
 GRAY EXTERIOR

**STRUCTURE SIZE AVAILABLE FOR  
 PRO / ADVANTAGE:**  
**8 x 12 x 8'**  
 GRAY OR SAND/TAN EXTERIOR



## BRINEXTREME® MOBILE BRINE UNIT



### INFINITY™ MOBILE UNIT

US Patent 14/286,706. Other patents pending.

**BrineXtreme Infinity Brine Maker**  
**BrineXtreme Pro Controls**  
**Enclosed Generator**  
**16' Tandem-Axle Trailer**

HOPPER OPENING	128.27" x 32.39"
TRAILER LENGTH	16 FT.
OVERALL WEIGHT	8,600 LBS.

**CAPABILITIES**  
**BASIC BRINE**  
*Add Truck Fill Station to blend up to 3 products/fill trucks*

**BRINE PRODUCTION**  
**CONTINUOUS/AUTOMATED**  
**CLEANOUT**  
**CONTINUOUS/AUTOMATED**

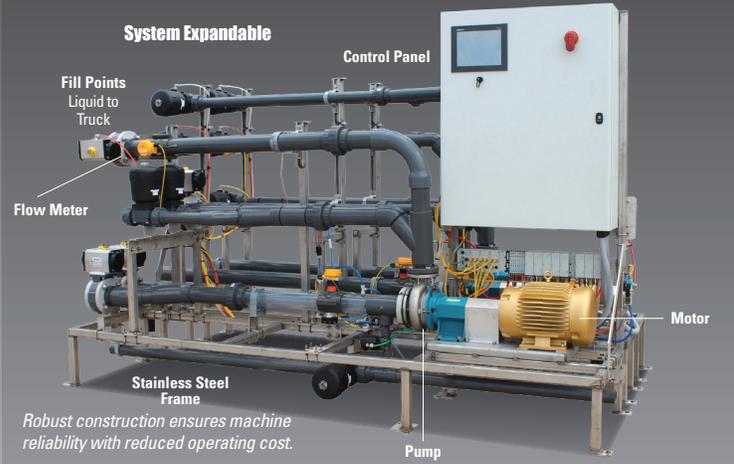
**SALINITY CONTROL**  
**AUTOMATED**  
**OUTPUT**  
**UP TO 6,000 (PRO Controls)**

# BRINEXTREME® TRUCK FILLING & BLENDING

## ULTIMATE CONTROLS

BrineXtreme® Ultimate is a premium industrial grade stand-alone modular controls system offering reliable, accurate and expandable brine production. The Ultimate works effortlessly with up to 5 products (calcium chloride, magnesium chloride, beet juice, etc...) when coupled to the Infinity, or 3 products when coupled to the Advantage; and 3 micro ingredients (dyes, anti-foam solutions, etc...) to produce custom salt brine mixtures.

All brine management tasks are handled including: data logging, remote access, password protection, multiple user setup and more. BrineXtreme® consistently delivers the optimum mixture of 23.3% salt concentration by weight at any temperature. This precise concentration allows the brine to perform in temperatures down to -6°F (-21°C). Accurate salinity control eliminates excessive salt waste.



## TRUCK FILL STATION

BrineXtreme® Truck Fill Station is an advanced stand-alone filling station designed as a companion product for the BrineXtreme® Pro controls.

The Truck Fill Station handles many brine management tasks with features like: plug-n-play installation, blending up to 3 products, data logging, remote access, password protection, multiple user setup and more. And with its modular design and intuitive controls, the Truck Fill Station makes a perfect addition for basic brine handling tasks.



### ULTIMATE CONTROLS

### TRUCK FILL STATION

Fully Automatic Blend & Truck Fill	Yes	Yes
Blending Method	Real Time Based on Flow Rate	Stack Based on Volume
Max. No. Truck Fill Points	3	1
Max No. Products to Blend to Truck	5	3
Tank Level Monitor	1 per Product Pump	None
Truck Fill Flow Rate Measurement	Solid State Flow Meter	Solid State Flow Meter
Micro Ingredient	Up to 3	—
Valve Type	Pneumatic Diaphragm	Electric Ball Valve
Truck Fill Blending Flow Rate GPM at 50' TDH and Sg. of 1.2	100, 200, 300 & 400	100 or 200
Number of Pumps	Up to 5	1
Pump Construction	Pedestal / Cast Stainless Steel	Pedestal / Cast Stainless Steel
Pump Motor Control	Variable Speed	On / Off
Motor HP	3, 5, 7.5 & 10	3 or 5
Touch Screen	10.4"	5"
Remote Access/Cell Gateway	Standard	Optional
Data Logging	Yes	Yes
Voltage/Phase	220v Single Phase or 208/480/525 Three Phase	220v Single Phase
Dimensions	147"W x 65"H x 27"D	61"W x 68"H x 29"D

BrineXtreme system design and components are covered under patent numbers: 13/656412, 14/286706, 14/025177, 62/662546, & 10544340.

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