

Henderson

BrineXtreme®



PROFESSIONAL GRADE BRINE SYSTEMS



BrineXtreme[®] INFINITY[™]

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

With Auto-Clean Technology[™]

The BrineXtreme[®] Infinity[™] delivers continuous salt brine and simultaneously self-cleans without the need to stop brine production! That's the power of Auto-Clean Technology[™]! 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[®] Infinity[™] 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[®] 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**

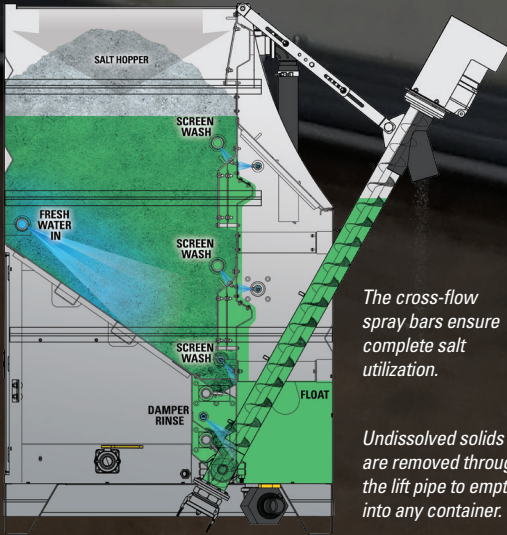
GALLONS/HOUR OUTPUT
UP TO 6,000 (PRO) / **7,500** (ULTIMATE)

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.*

Shown above with Ultimate Controls.



BrineXtreme[®] ADVANTAGE[™]

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

The BrineXtreme[®] Advantage[™] 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[®] 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

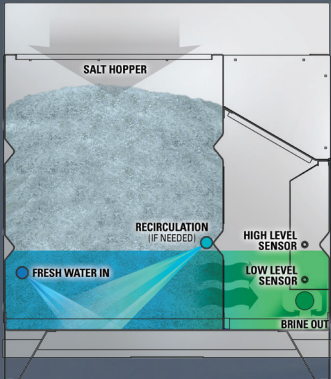
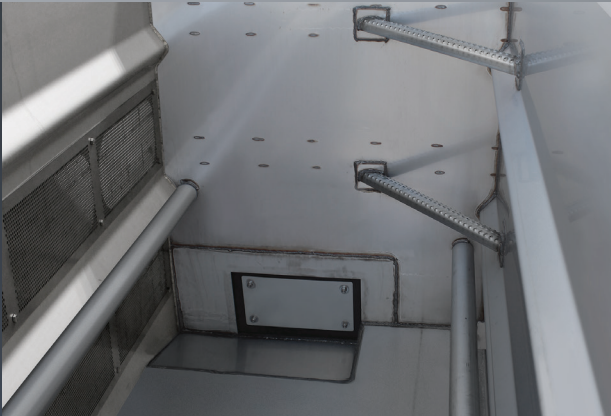
CLEANOUT
MANUAL (SEE SPECS BELOW)

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



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



ULTIMATE CONTROLS

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 Monitoting	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 Contols
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

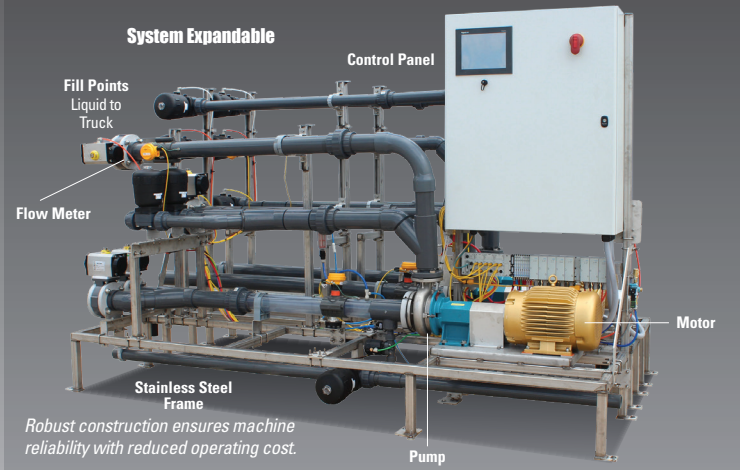
OUTPUT
UP TO 6,000 (PRO Controls)

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.

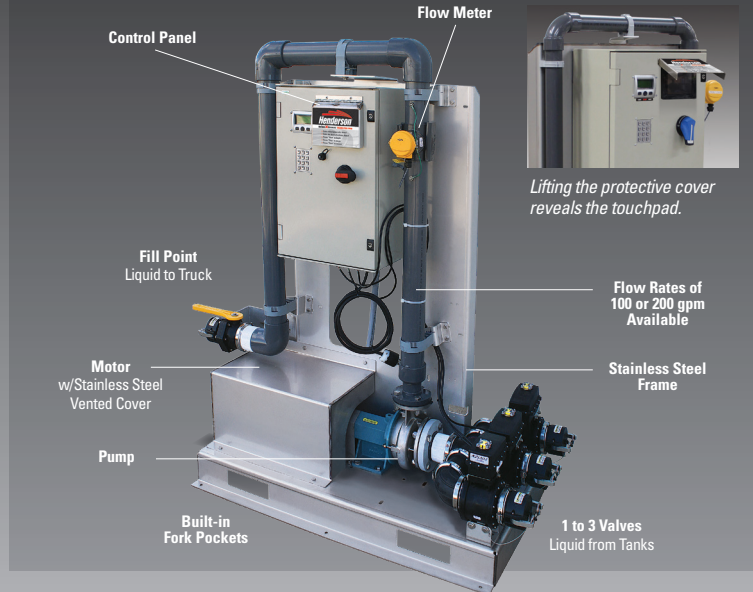
All brine management tasks are handled including: data logging, remote access, password protection, multiple user setup and more. BrineXtreme® consistently delivers the optimum mixture of 23.3% salt concentration by weight at any temperature. This precise concentration allows the brine to perform in 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

Fully Automatic Blend & Truck Fill	Yes
Blending Method	Real Time Based on Flow Rate
Max. No. Truck Fill Points	3
Max No. Products to Blend to Truck	5
Tank Level Monitor	1 per Product Pump
Truck Fill Flow Rate Measurement	Solid State Flow Meter
Micro Ingredient	Up to 3
Valve Type	Pneumatic Diaphragm
Truck Fill Blending Flow Rate GPM at 50' TDH and Sg. of 1.2	100, 200, 300 & 400
Number of Pumps	Up to 5
Pump Construction	Pedestal / Cast Stainless Steel
Pump Motor Control	Variable Speed
Motor HP	3, 5, 7.5 & 10
Touch Screen	10.4"
Remote Access/Cell Gateway	Standard
Data Logging	Yes
Voltage/Phase	220v Single Phase or 208/480/525 Three Phase
Dimensions	147"W x 65"H x 27"D

TRUCK FILL STATION

Yes
Stack Based on Volume
1
3
None
Solid State Flow Meter
—
Electric Ball Valve
100 or 200
1
Pedestal / Cast Stainless Steel
On / Off
3 or 5
5"
Optional
Yes
220v Single Phase
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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As a **custom manufacturer** of truck bodies, truck equipment and brine systems, additional product options may be available that are not shown here.



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