



ULTRA EASY CLEANOUT

BRINE PRODUCTION SYSTEM

BPS3000-SS WITH HYDRAULIC CONTROLLED CLEANOUT

USED BY KDOT, NDOT, OKDOT, IADOT, MODOT & MANY OTHER AGENCIES
OVER 100 WORKING SYSTEMS IN OPERATION



Heavy-duty all stainless steel construction
For durability and long life.

Continuous, fast & accurate brine production
Up to 6,000 gallons per hour, with accurate salinity.

Eliminates wastewater concerns during cleanout
All large debris and fine silica/silts are funneled directly into your loader bucket. Spray cleanup water is very minimal and is also funneled into your loader bucket, not discharged into your parking lots, ditches or floor drains

Very easy for crew members to operate and maintain
No PC computer systems or electronic modules means simple and accurate operation, excellent reliability and zero downtime.

During cleanout operation, the self-contained hydraulic system rotates the lower tank and pivoting trash screen down, funneling all debris directly into your loader bucket.



**ONLY 10-15 MINUTES
AND CLEANOUT IS DONE!**



SIMPLE OPERATION AND CLEANOUT

OPERATED FROM ONE
MASTER CONTROL PANEL

Master panel with automatic and manual pump control, hydraulic cleanout controls, illuminated lights and main power lockout. Outdoor rated & corrosion resistant enclosure and switches.

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SIMPLE & ACCURATE SALINITY CONTROL

THAT ALL CREW MEMBERS CAN USE

Salinity sampler system is a breeze to use with any standard salimeter.

Salinity adjustments are simple, accurate and reliable.

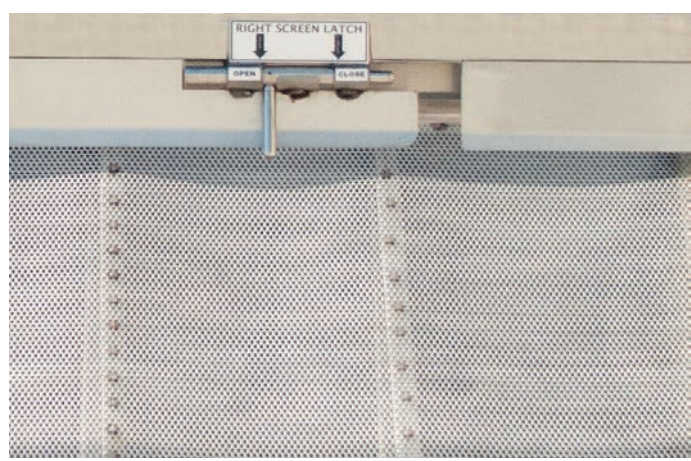
Eliminates the need for expensive unreliable and hard-to-maintain PC or PLC systems and conductivity sensors.



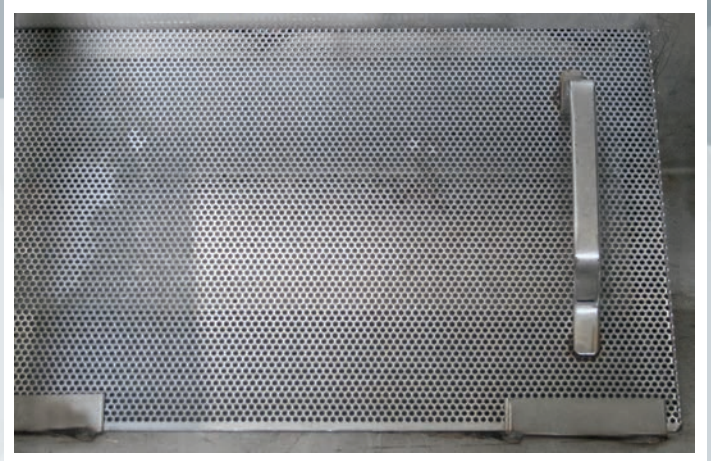
MULTIPLE BUILT-IN SCREENS

KEEPS YOUR BRINE FREE OF POTENTIALLY DAMAGING DEBRIS

ALSO MINIMIZES FINES TO PROTECT YOUR STORAGE TANKS & SPRAYERS



Stainless Steel Hopper Screen with 1/4" Holes - Rotates down for cleanout



Secondary Lower Screen with 1/8" Holes for additional protection (Removable)

UNIQUE HYDRAULIC CONTROLLED CLEANOUT SYSTEM

MAKES CLEANOUT OF BOTH SALT HOPPER & BRINE TANK FAST, EASY & ENVIRONMENTALLY SAFE.

(ALMOST ZERO WASH WATER)



ENTIRE SYSTEM IS EASILY DRAINED

FOR INDOOR OR OUTDOOR OPERATION

Large 2" water inlet plumbing includes 24 volt automatic control valve, manual throttling valve & drain valve. Overflow protection also included.

COMPREHENSIVE ON-SITE TRAINING OF YOUR CREW IS INCLUDED WITH ALL SYSTEMS



KEY SPECIFICATIONS

Size

Height: 96", Length: 132", Width: 73". Telescoping Legs.

Heavy-Duty Construction

3" X 3/16" 304 Stainless Structural Frame, 10 Gauge 304 Stainless Hopper and Tank.

Salt Hopper Capacity

6-1/4 cubic yards (level).

Brine Pump

Centrifugal stainless, 3 HP, 230 Volt, 1 Phase.

Hydraulic System

1 HP, 208-230 Volt, 1 Phase Pump with stainless reservoir, control valve and pressure relief valve. Fully self-contained system - no hydraulic supply needed.

Electrical Control

230 Volt, 1 Phase, 30A control panel (outdoor rated) with 24 volt transformer and waterproof switches. U.L. Listed.

Detailed Specs Available.

NEW MODEL BPS5000-SS

NEW INTERNAL WEIR PROVIDES DOWNWARD & UPWARD FLOW



The BPS5000-SS includes the same great features as the BPS3000-SS along with an Internal Slotted Weir that provides for simultaneous downward & upward flow when necessary. If the main lower screen starts to clog due to fine salt or debris, brine will flow through the salt bed in both a downwards and upwards fashion. When the brine rises up to the Internal Slotted Weir, it flows thru the slots and vertically downward, through the main lower screen and into the same lower brine tank. It is then pumped to storage as finished brine. Float switches in both the salt hopper and lower brine tank control the process.