'SALTURATOR' SALT SATURATORS FROM NIPLAST®

On site brine production is an essential requirement in many processing industries, including food production, water treatment, pharmaceutical and chemical manufacture.

The NIPLAST® range of 'SALTURATOR' salt saturators is designed for just such on site applications, to accept road tanker or IBC deliveries of salt, to control the incoming water flow, to filter and to then deliver the subsequently produced brine solution.

The salt saturating process occurs in the NIPLAST® system, housed within a NIPLAST® tank body manufactured from corrosion resistant UV stabilised polypropylene.

The primary features of a NIPLAST® system include an aluminium salt delivery line for pressurised road tanker delivery, a water inlet system controlled via ball float valve or other control system, low-level side entry access with viewing window for easy salt level assessment, a 2-layer gravel filter bed, floor mounted brine collection pipe, powder vent or powder collection system.

Salt is delivered via the delivery line and is directed to sit on the top of the 2-layer gravel bed. Water is introduced and percolates through the salt, with the water dissolving the salt layer as it passes through.

Saturated brine solution contains circa 26.5% salt by weight and has a specific gravity of 1.20. The amount of brine the NIPLAST® 'SALTURATOR' can produce is directly proportional to its capacity.

The saturation process within the NIPLAST 'SALTURATOR' is largely automated and different levels of water, salt and brine assessment are available.

NIPLAST®'s bespoke manufacturing processes mean there are no diameter restrictions, so on site or access difficulties can be overcome. NIPLAST® 'SALTURATOR' salt saturator vessels are available in different storage and re-charge capacities to suit available space on site and the most economically efficient salt delivery modes..

- PP or HDPE construction to BS EN 12573
- Long lasting brine resistance with non-corrodible elements
- Breach alarm & dust control options
- Salt level visibility through side wall viewing window

To request a quote or discuss further with an expert email **info@niplast.com** or call **0161 477 6777**

niplast STORAGE **TANKS**