



STORM TANK CLEANING

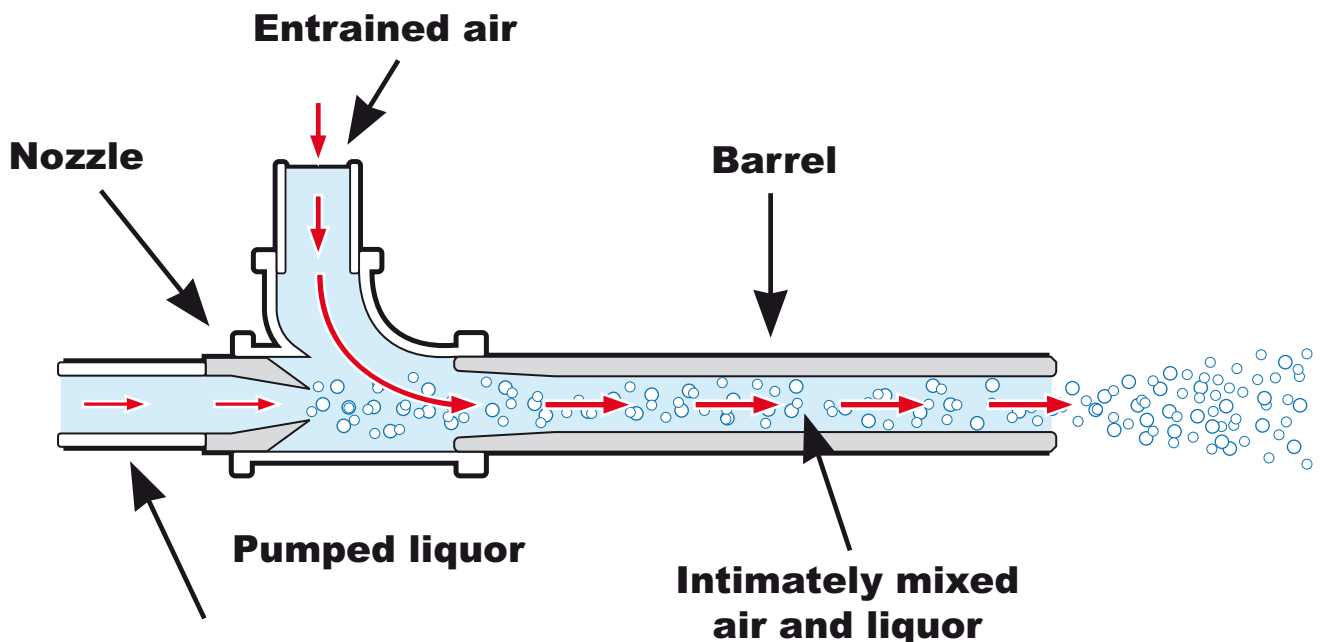
The Hidrostal Storm Tank cleaning system is an alternative to using mixers; instead of mixing it aerates the liquid and will pump to a very low level until the reservoir is totally empty.

It comprises two elements:

Hidrostal Screw centrifugal impeller pump and ejector



Hoogeindsestraat 5
 NL - 5447 PD Rijkevoort
 Nederland
 T : +31 (0) 485 - 371318
 F : +31 (0) 485 - 371918
 info@pompentechiek.nl
 www.pompentechiek.nl



The ejector has three main components: nozzle, barrel and air pipe. The barrel and air pipe can be a single fabrication or have separate housing to connect the three main components. The ejector assembly can be installed in the tank with a range of optional mountings

Hidrostal's Control Philosophy

It is not normally necessary to operate the cleaning system when the storm tank is filling. If the tank is kept full for prolonged periods it is often beneficial to run the system for short period to keep the contents sweet. The optimum running times will vary from tank to tank, however, for most systems the run and idle times are set at ten minutes each.

When emptying the tanks the intermittent cycle would normally continue until the water is approximately one meter deep. At that point the system should run continuously until the tank is empty or the water level is insufficient for the pumps to operate.



Designed to fit exact requirements of the tank

Each system is designed individually by Hidrostal's engineering team to fit the exact requirements and size of the storm tank. The number of aerators required and their positions in the tank are carefully selected by Hidrostal's engineers to promote circulation of liquid in the tank. The pumps can be situated outside of the tank for easy maintenance.



Large installation in Ireland: 6 tanks – average dimension 37m x 89m with 36 x 18.5 kw pumps used with twin barrels



Large installation in UK: 48m x 21m tank with single 37 kw pump with manifold as an alternative to a multi pump solution

Whether it is a single or multi pump solution our Engineers will work with you to find the most effective solution for all sizes of tanks.

For assistance at the early stages of a project contact our Area Sales Engineer or Head Office on + 44 1635 550440. They will be delighted to help evaluate the options to arrive at the optimum solution for a particular project.