

Tipping bucket in storm water basins

Spain

In warm climatic regions like Spain, there can be long periods of drought followed by sudden violent thunderstorms and heavy rainfall. To ensure that the sewage treatment system can cope, huge buffer basins are built, which reduce the risk of

flooding. However, besides the sheer amount of water, there is another problem: when it starts raining, solid matter and pollutants, which may have accumulated over several months, are washed away within minutes. Consequently, the initial surge of water is heavily charged with sand, dirt and pollutants. For this reason, the sewer system is designed to allow sedimentation of the solids, which can then be collected and disposed of safely. As hydrogen sulphide is likely to be present, stainless steel is preferred to prevent corrosion.

Details

Environment:	Urban or coastal
Fabricator:	Hidrostant
Stainless steel grade:	304 (EN 1.4301), in coastal locations 316 (EN 1.4401)
Product type:	Cold rolled
Surface finish:	Glass bead blasted
Producer or supplier:	Inoxcenter (Acerinox Group)
More information:	cedinox.es

