



Client: VMW
Execution: 2006–2009

Electromechanical equipment of a water softening plant in Kooigem

This plant consisted primarily of three pellet reactors with a base diameter of 2.8 m, a top diameter of 3.6 m and a height of 9 m, a make-up water system with RO and storage, calcium hydroxide installations and storage, a H₂SO₄ dosing device and storage for post-softening, pellet tapping and storage, sand dosing and storage, and LV panels for control of the overall system.



For Smet-GWT the implementation of this water softening plant in Kooigem, along with many other orders for VMW, was the third complete water softening plant based on pellet reactors, and we were able to make good use of previously acquired experience in the execution of this project.

The expertise of Festo was utilised for the electropneumatic panels, and we called on our regular partner Aramis for the RO of 5 m³/h.