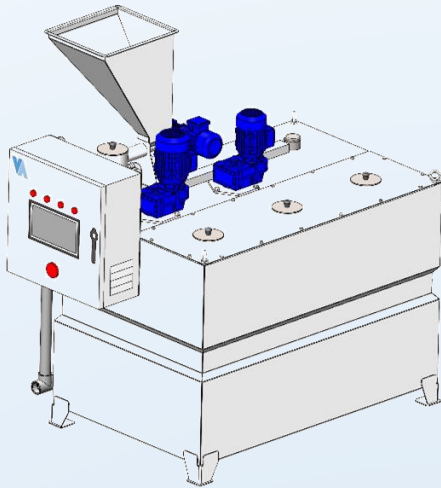


SLUDGE TREATMENT EQUIPMENT + DOSiS.PLUS DOSiNG STATIONS

Polymeric flocculating agents are used to reduce operation costs in flocculation systems. Polymer agents, which are long-chain organic molecules, mixed with water are acting like attractants and produce attraction forces on the suspended solids or sludge particles. These conglomerated flocks ease settling, dewatering or filtering processes. Polymeric agents are also used for other industrial solid-liquid separation applications, such as in chemical industries, petrochemical plants, pulp and paper production, food industries and others



Automatic polymer preparation and dosing plants are suitable to be used in all above mentioned processes. Standardized preparation and dosing units DOS+T and DOS+D are best ready to use equipment to prepare and meter polymeric flocculation agents and other suitable materials; hydrated lime, iron sulphate, etc...

Dosing Station DOS+T is a tripple chamber station used to prepare solutions from liquid and dry, organic and inorganic chemicals needing maturing time.

The two chamber dosing station DOS+D is used for the production of liquid polyelectrolyte and salt solutions from solid and liquid substances depending on media with or without maturing time.

In both DOS+T and DOS+D systems, the operation is realized full-automatically, in a continuous or discontinuous process. The equipment is consisting of following parts and components:

- + Triple or Double chamber tank
- + Dry material feeder and/or concentrate pump
- + Agitator in the dissolving and maturing chamber
- + Level sensor
- + Water unit with sprinkling system
- + Local control panel