

ICS



ICS - WATER CLARIFICATION PLANT WITH STATIC DECANter

The water clarification plant equipped with static decanters can clarify solids charged waters resulting from various kinds of production processes.

The operating principle is based on the natural precipitation of the suspended solids particles speeded up by sedimentation with the addition of polyelectrolyte (flocculant).

The cloudy water is fed into the central part of the decanter, rises to the edge of the tank, clarifies and then

overflows into a collection duct running around the perimeter of the tank.

The solid phase deposits by gravity onto the conical bottom and is expelled into a drain controlled by an automatic valve.

Being extremely compact, the clarification plant can be installed in a small area.

Maitek can supply different models for the best technical/economical solution.

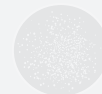
APPLICATIONS



Aggregates



Recycling



Industrial sands



Water treatment