

ICH



# ICH - WATER CLARIFICATION PLANT WITH DYNAMIC DECANTER

The water clarification plant has the function to recover the dirty waters resulting from the washing of aggregates, in order to reuse them in the productive process. The principle of operation of our system is based on the clarification of dirty waters through sedimentation in a tank called "clarifier"; the process is speeded up thanks to some flocculants injected into the liquid, which allow the separation of water from sludge. The clarified water is collected in a specific tank from which it is extracted

by a pump to be recycled; the sludge is extracted from the clarifier and directly evacuated in the environment duly organized or submitted to a further dehydration treatment.

This kind of horizontal decanter is ideal for largest water flows.

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

## APPLICATIONS



Aggregates



Recycling



Industrial sands



Water treatment