



MAITEK SRL

Technological innovation and ease of application to service quality and convenience

MAITEK SRL was born in 1999 with the aim to develop new technologies in the field of quarries. The company's activity is run by a staff of engineers and experts with a thirty-year experience in industrial and mining sectors for aggregate production and specialised in ecological plants such as sludge treatment and dust suppression systems.

Our main office is located in the Marche, in the centre of Italy, a region rich in little and medium enterprises working in the field of aggregate production.

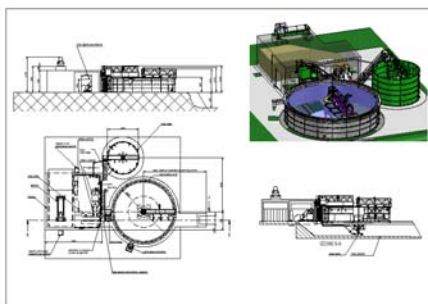
Our markets are: Italy, Europe, the Mediterranean Area the Middle East Area.



The raise of an environmental sensitivity leading the public administrations in Italy and in Europe to new restrictions in quarry exploitation and the environmental problems such as shortage of water, sludge treatment and dust emission in atmosphere have made MAITEK propose his customers a range of products wide and innovative to solve these problems and give new advanced answers to the new needs of the market.

These products include complete plants for sludge treatment, centrifugal extractor (decanters), plate filter press, polyelectrolyte preparation, sludge tank, water clarification plant, dust suppression system for mining and plants and machinery for crushing and selecting aggregates.

In addition to this, MAITEK provides its customers with the following services:
Consulting, Engineering, After-sale Technical Support, Import-Export facilitations.



PRODUCTS:

WATER CLARIFICATION PLANTS

Water clarification is made by a static or dynamic decanter.

STATIC DECANTERS

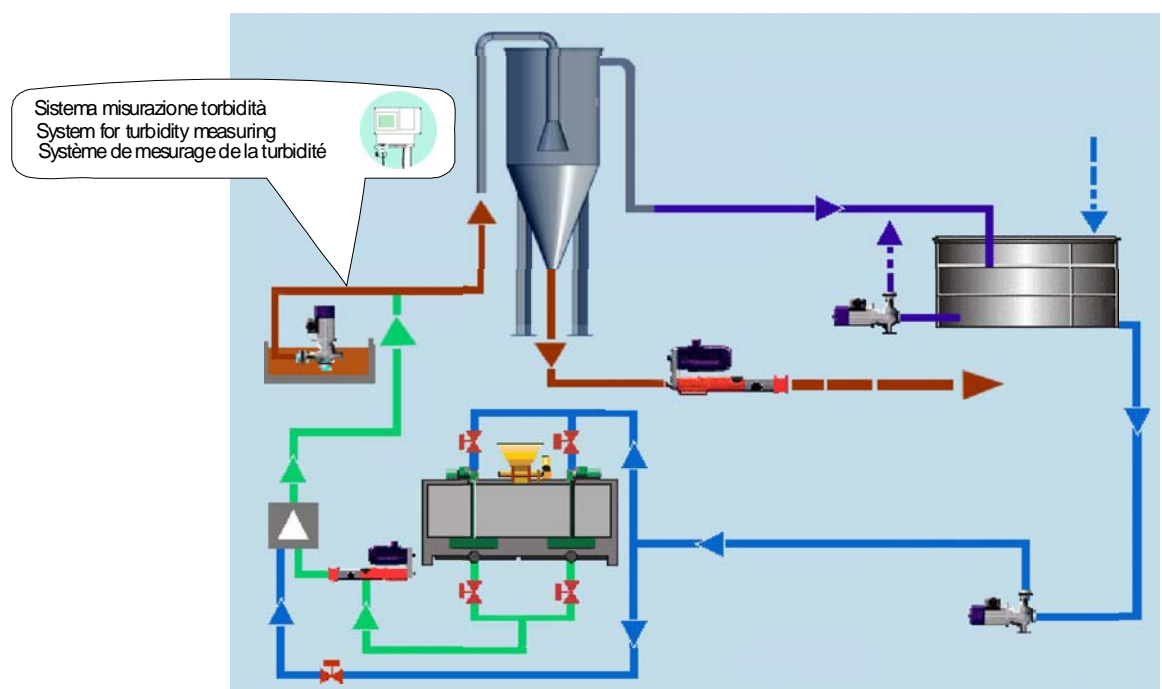
Our static decanters can clarify solid-bearing water deriving from various kinds of production processes.

The operating principle is based on accelerated clarification by sedimentation with the addition of flocculants.

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



WATER CLARIFICATION PLANTS

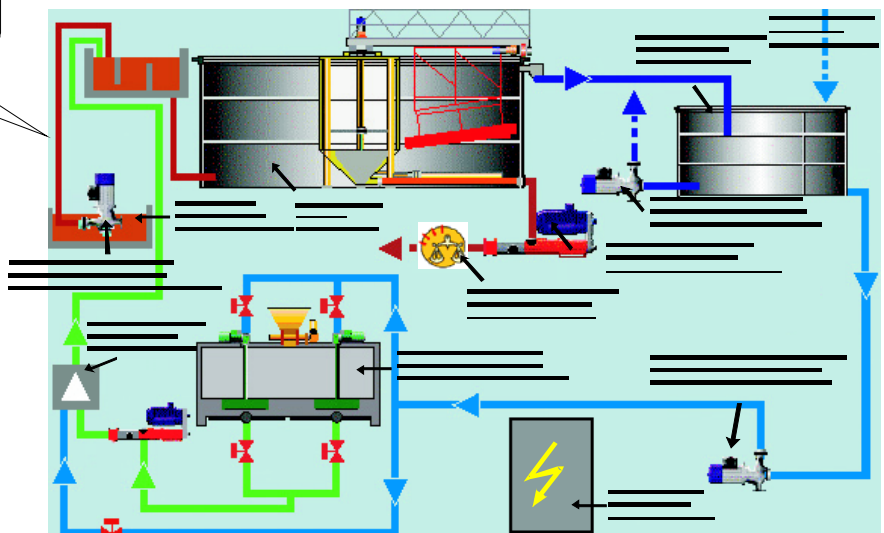


The water clarifying plant has the function to recover the dirty waters resulting from the washing of aggregates, in order to reuse them in the productive process. The principle of the functioning of our system is based on the clarification of dirty

waters through sedimentation in a tank called “clarifier”; the process is made faster thanks to some flocculants injected into liquid, which allow the separation of water from sludge in 70 minutes. The clarified water is collected in an apposite 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.



Sistema misurazione torbidità
System for turbidity measuring
Système de mesurage de la turbidité



Technological innovation and simplicity of application to bring you quality and value for money: for MAITEK value for money means advantages for the users and respect for society. The challenge of the present is indissolubly tied to the bet on the future.



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