



# DECCA IMPIANTI

## RECYCLING PLANTS FOR WASHING AND RECOVERING CONTAMINATED SOILS



### soil-washing



We produce soil-washing plants for the remediation of contaminated soils, with the goal of recovering the valuable fraction that is identified as an alternative resource to reduce the need for new quarries and landfills in order to protect the environment. The innovative technology of these plants, amply documented and tested, allows a management of excellent economic value.

On the basis of previous experiences, the quality of the products obtained, the reduced environmental impact and the compliance with safety standards of our plants are basic references to meet the approval of the institutions responsible for operating concessions.

The processing cycle is optimized for the treatment of:

- stony and gravelly soils from remediation of contaminated lands
- road sweeping waste
- waste from drains and drainage grates
- waste from MSW incinerators



As a result of the washing and selection process, you obtain the following products entirely recyclable:

- 70-80% of gravel and sand for building use
- 5-10% of organic fraction convertible into compost

The standard plant consists of machines for an energetic washing with water and machines for a granulometric and gravimetric selection.

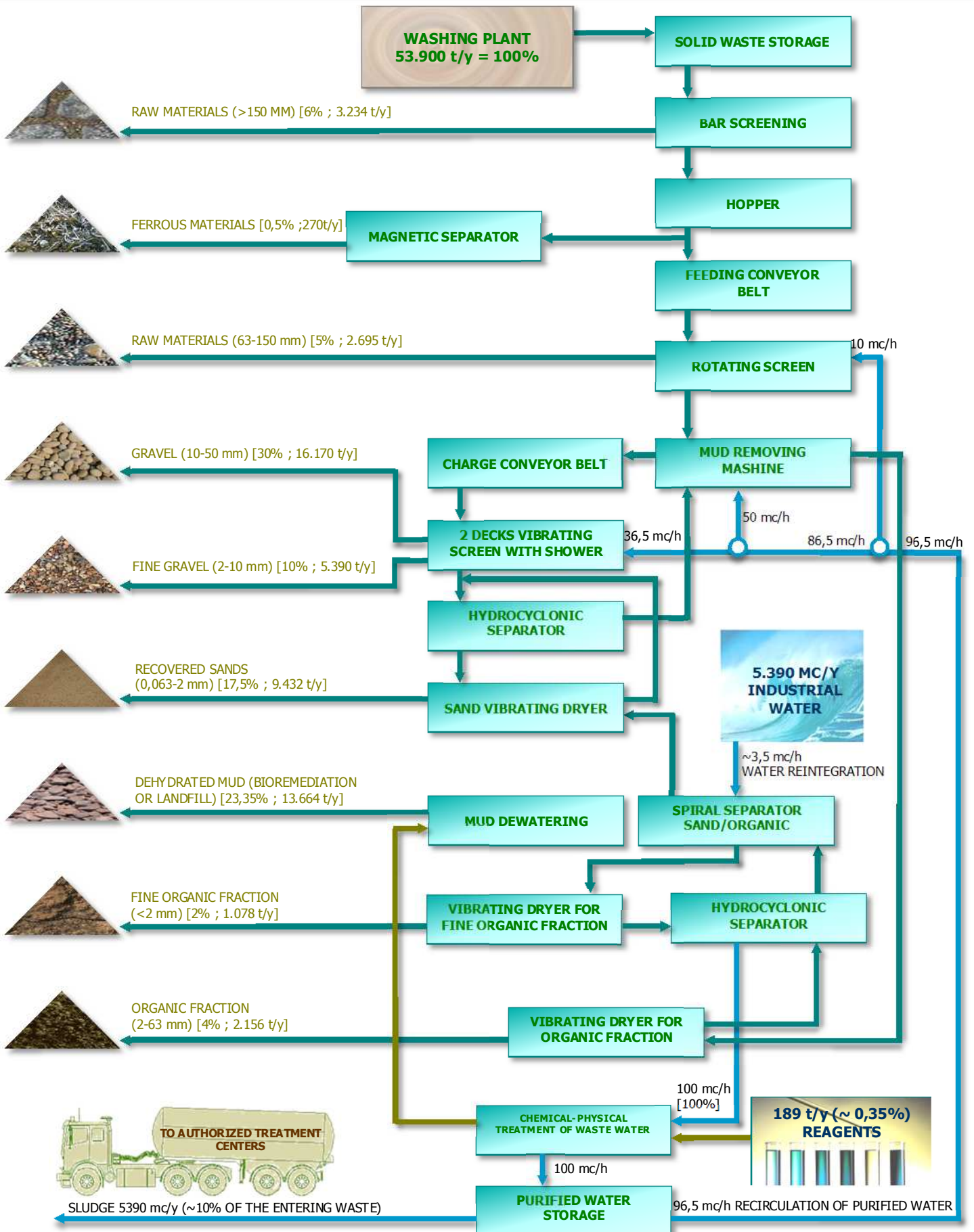
The treatment for the recycling of waters with extraction of sludge and pollutants is carried out by a chemical-physical plant studied on the basis of the pollutants present in the soil, which can be: benzene, ethylbenzene, toluene, xylene, chlorinated hydrocarbons, mineral oils, phenols, polycyclic aromatic hydrocarbons, polychlorinated biphenyls, dioxins, heavy metals and cyanides.

Contact us!





## SOIL-WASHING PLANTS



This sheet and the related data constitute a model plant for the treatment of contaminated land already realized in several copies and has produced excellent results. It can be adapted and modified according to specific project requirements.