

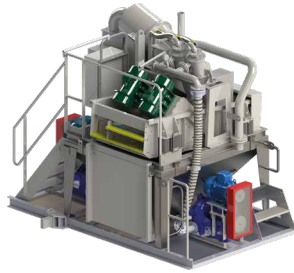


SOTRES Group designs and manufactures **bentonite slurry process equipment (desanders)** adapted to customers' expectations.

These units are very popular on special foundations (slurry walls, deep boring, jet grouting, tunneling...).

PURPOSE

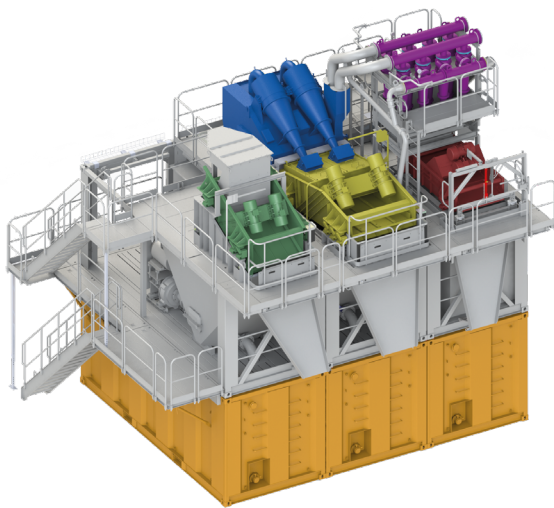
- Bentonite preparations
- Bentonite desanders
- Bentonite desilters



Desander type D120-50
Double hydrocyclone
120 m³/h on primary stage
50 m³/h on secondary stage

SOLUTION

- Drilling mud preparation and regeneration.
- Capacity: from **45 m³/h to 500 m³/h mobile** desanders realisation.
- Customized design adapted to customer wishes.
- Compact solutions easy to plug in / plug out and remove.

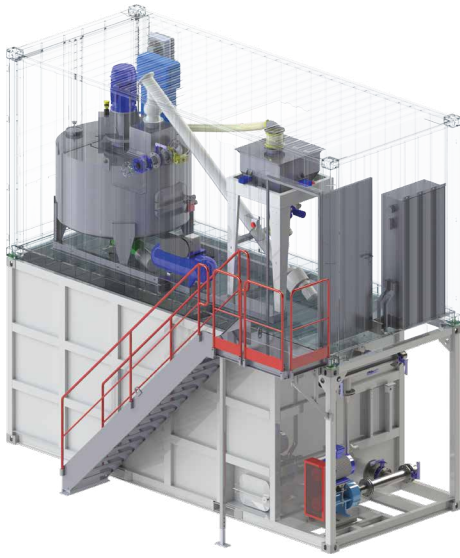


- **Scalping** : eliminates > 5 mm particles.
- **Pumping tanks and Access.**
- **Primary hydrocyclone.** | Elimination of the **200 µm / 5 mm** particles.
- **Dewatering.**
- **Secondary cycloning.** | Elimination of the **30 µm / 200 µm**.
- **Desilting machine** to extract the silty muck. Ultrafines removal.
- **Storage tank.**

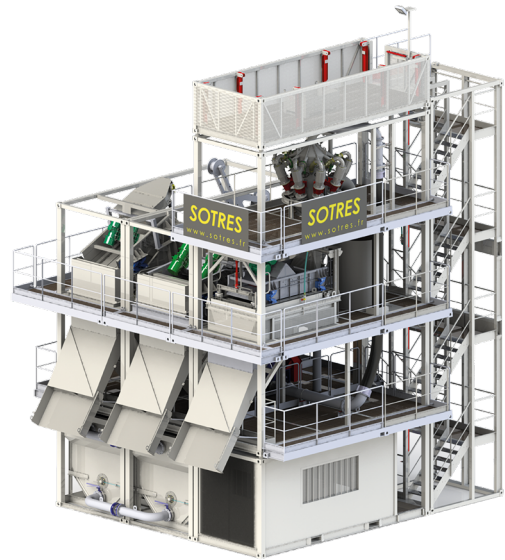
COMPLEMENTARY PROCESS EQUIPMENTS

The bentonite slurry treatment plant can be equipped with other units required by customer application :

- ▶ Flocculent preparatory system.
- ▶ Centrifuge unit.
- ▶ Press filter.



Bentonite sludge preparator system.



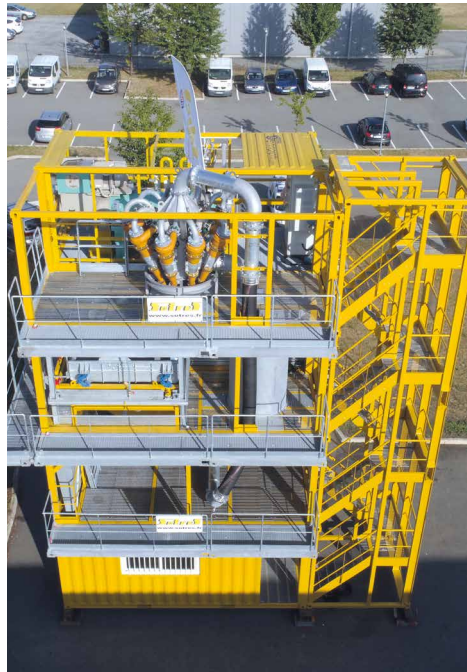
**Desander type D500-500
with screening and double hydrocyclone.
500 m³/h on primary stage
500 m³/h on the secondary stage**

STRONG ASSETS

- Overall of usual yield, with optimal desanders efficiency.
- Easy to install , easy to move...
- Certified for health and safety regulations.
- Versatile solution able to match for every demanding job site : **Cube without silo, Superstructure with silos...**



**Superstructure version « Le Grand Paris »
Desilter D550-550
(550 m³/h on the primary
550 m³/h on the secondary)**



Cube without silo version.



Desander type D500-500.