



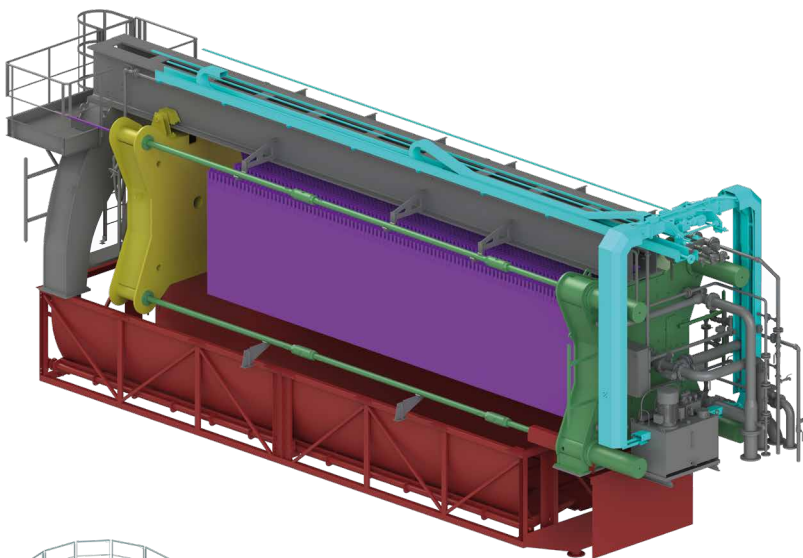
SOTRES GROUP offers mud dehydration solutions with plates filter press. This filtration process allows reaching dryness up to 80 %.

PURPOSE

- Answer to liquid mud storage issues by transforming it into compact cakes, smaller and easy to carry, highly reducing the mud volume.
- Complement process to water recycling plant.
- Designed for mineral industry and industrial applications.

SOLUTION

The mud dehydration with suspended plates filter press (chambered or membraned).



- Chambered or membraned platess.
- Fixed jaw.
- Mobile jaw.
- Drip tray.



Buffer silo for mud.

- The mud storage inside silo before being pressed, allows to optimize the press size, by letting it work outside the sand treatment operative schedule.

Silo capacity : 30 to 350 m³.

COMPLEMENTARY PROCESS EQUIPMENTS

- ▶ Automatic cleaning system of the cloths can be added to the main machine (high or low pressure).
- ▶ Cake release system «C.R.S» (patented) makes sure every cake falls down.

STRONG ASSETS

- Large range of press filters (Plates from **630 mm x 630 mm to 2000 mm x 2000 mm**), with capacity up to **14000 liters**, several cakes thickness, different pressing plates types (chambered or membraned), release systems...
- Depending of the mud quality (tests made in our laboratory), **SOTRES Goup** offers solutions suitable to the customers requirements.
- Laboratory tests performed in our facilities allow offering the best solution.
- Fully automatic process able to run **24/7** without any operator.
- Compact and easy to move solutions thanks to containers versions.
- Fast release of plates (moved by groups of **10 to 15** at the same time).



Fully automated press filters, adapted to different types of industry.



Before
Liquid (or thick) mud in open storage basins.

With SOTRES Group Press filter.



After
Solid cakes of mineral after water removal.

