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Mobile Filter Presses

Advantages :

- High degree of dryness obtained (30 to 80%, depending on the sludge)
- Robust, adaptable and reliable equipment
- High productivity
- Completely independent
- Very easy to use
- Fast opening and closing of the unit
- Particular cost benefits for container solutions

We have developed a range of mobile filter presses in response to the requirement for dewatering urban or industrial sludges in situ. This equipment is used in cycles by different service providers.

To provide an even better solution, our mobile units are designed to integrate all types of filter press - chamber or mixed pack - of different sizes with the sludge conditioning and cake conveyor equipment.

The output of these mobile units, varies depending on their size: from 250 to 6,000 litres of cake per cycle, which is equivalent to 100 to 4,500 kg of dry matter per 1 to 2 hour pressing cycle, depending on the type of organic or mineral sludge.

Dryness varies between 30 and 80%, depending on the sludge treated, in accordance with the current regulations.



Cake removal



cake storage



cake produced



Depending on the quantity of dry material to be treated, we design mobile units on conventional semi-trailers or transporters, as well as filter presses installed in maritime containers or directly on a steel chassis.

Also incorporated are:

- the filter press transfer and feed pumps
- injection and preparation of the conditioning agent (FeCl₃, polymer, chalk, etc.)
- cake-removal systems



Cake removal by screw conveyor



Services: Faure Equipements designs, manufactures, installs and commissions these mobile units



Installation in a maritime container



Long-term installation

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