

DEHYDRATION OF THE SLUDGE

THE FILTER-PRESS



Le sable, l'eau,
pour mieux construire demain



PROJECT MANAGEMENT

- > Tests with samples
- > Sludge filtrability studies
- > Extrapolation of the key figures
- > Determination of the proper sizing
- > Implementation in the process



RELIABILITY

- > Compact and ultra-rigid mechanical structure
- > Patented cake-release system using independent pneumatic cylinders, eliminating any moving mechanical parts



EFFICIENCY

- > High performance by reducing time out, opening, closing, feeding and cake-release time.
- > Full automation of pressing cycles



QUICK INSTALLATION ON SITE

- > Pre-assembly and pre-wiring in our workshop
- > 3 to 4 days of intervention
- > 2 to 3 MS technicians needed



SERVICES

At every stage of the project, whether upstream with the sales manager or downstream with the project engineer, MS delegates a competent contact to support you:

Our commitment is based on listening, guaranteeing progress and coordinating the associated departments.

4 | KEY POINTS



01 Weighing sensors to control the cakes release system and calculation of the cakes dryness



02 Cake release system with pneumatic cylinders

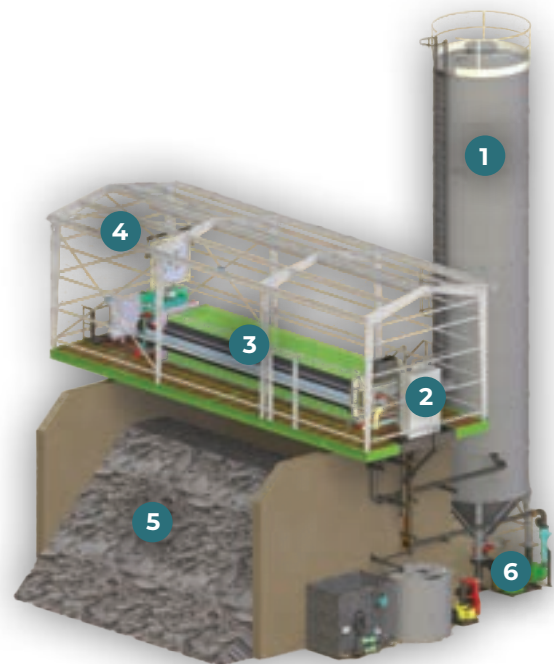


03 Automatic hatch for the thermal insulation and dripping collects



04 Dosage of additives

- 1 Storage silo
- 2 Control panel
- 3 Filter-press
- 4 Housing
- 5 Sludge cake stock
- 6 Feed pump



SECURITY

Safety is a daily priority for MS, and is paramount at every stage (research/study/design/organisation/assembly) and throughout its solutions life cycles. This risk prevention policy is centralised around our teams, partners and customers.

A wide range of options based on 3 plates sizes

800 mm	8 bars	Chambered	• Galvanisation of the frame • Insulation hatch • Washing device	Options : • Possibility of dosing an additive to the sludge for even greater productivity (Build Better MS Press 3)
1 200 mm	or	or		
1 500 mm	16 bars	Mixed-Pack		

WITHOUT

WITH

WITHOUT MS FILTER-PRESS

- ⊖ Low sludge concentration
- ⊖ Requires large sludge storage pits
- ⊖ A costly disposal
- ⊖ A loss of water that could have been recycled

WITH MS FILTER-PRESS

- ⊕ Fast and efficient dehydration of all types of sludge
- ⊕ Easily transportable and storable mud cakes
- ⊕ A compact plant that evolves according to your needs
- ⊕ Recycle up to 95% of the process water



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CONTACT US !

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