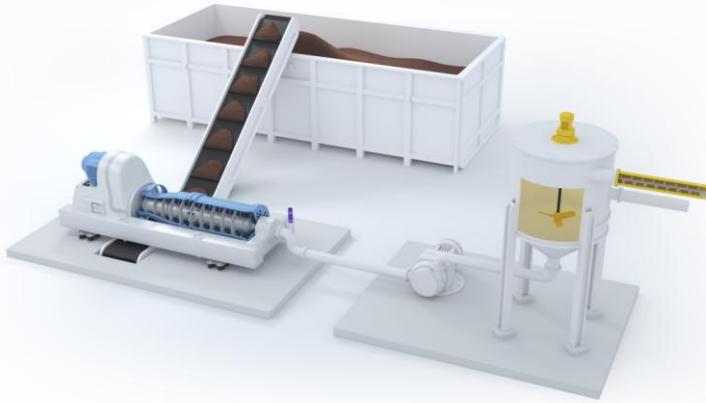


BIOSOLIDS

Dehydrys® Lime

Advanced dewatering of sludge by pre-liming before centrifugation



Produce quality sludge and generate savings with pre-liming

⇒ Performance

A quality dewatered sludge largely superior to that obtained by post-liming.

A process of dewatering by pre-liming before centrifugation to obtain a very homogeneous sludge-lime mix

Dehydrys® Lime is a part of full range of sludge dewatering solutions. This dewatering unit utilizing pre-liming can be used with any size plant.

100 %

homogeneous
sludge-lime
mixture



The Dehydris® Lime technology ...

Dehydris® Lime, pre-liming unit for sludge with centrifugation, is suited to the dewatering of all types of sludge; fresh or digested coming from urban wastewater treatment. Developed to take advantage of the different properties of lime (sanitization, reduction of odors), Dehydris® Lime is used at the end of the sludge treatment process.

The biosolids, due to their granular structure, can then be used directly as agricultural recovery with an optimized storage. Dehydris® Lime is also compatible with post-treatments.

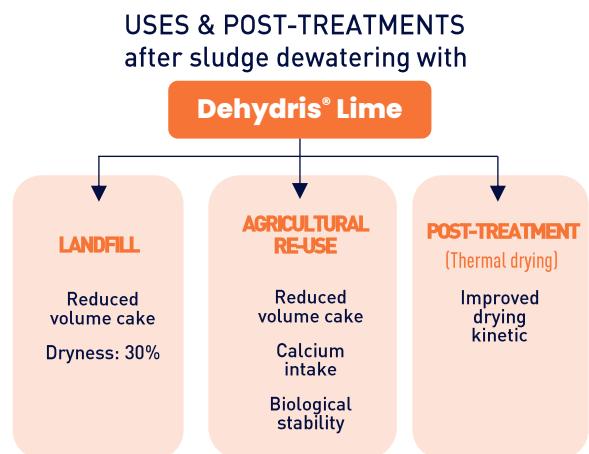
Performance in 3 steps:

Pre-liming of sludge that has been settled or thickened,

- conditioning with polymers,
- dewatering by centrifuge.

Dehydris® Lime is flexible and was developed to support the use of several types of lime.

The resultant biosolids is a dewatered sludge with an elevated dryness, biologically stable and structured, and with an improved texture and stability.



... what it can do for you



Flexibility and reliability

- Important gain in dryness (up to 50% compared to conventional centrifuge)
- Biological stability of the produced biosolids
- Granular structure of the final product means hat accumulations hold their form



Savings
Lower operating costs
(reduced maintenance)



Simplicity and safety

- Simplicity of start-up
- Security of operation (no rotary machine)

Among our reference

Château Thierry, France
Capacity: 40,000 PE

Île Arrault – Orléans, France
Capacity: 100,000 PE

Saint-Michel Chef-Chef, France
Capacity: 52,000 PE

Calais, France
Capacity: 120,000 PE

Jeumont, France
Capacity: 21,000 PE

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