

BELT FILTER PRESS OMEGA SC

Leader in the design and the manufacturing of sludge treatment systems for drinking water, waste water and sludge, EMO is present in 5 continents of the globe and holds more than 2500 recommendations to its credit since the company's creation in 1985. The OMEGA Belt Filter Press is designed for the continuous mechanical dewatering of municipal and industrial sludge.

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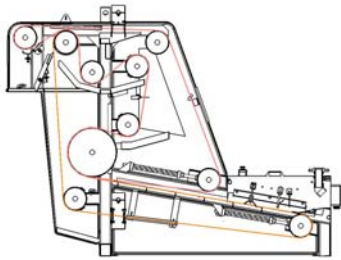
With its in-house, well equipped laboratory, EMO has been able to characterize many kinds of sludges and deliver tailor-made solutions for the benefit of the end-user.

EMO does not only provide electromechanical equipment but engineering and process solution thanks to the expertise of its Chemical & Process Engineers.



Technical data

EMO offers a wide range of Belt Filter Presses to match any plant size, keeping in mind the following key features :



- ✓ High quality components (only stainless steel construction),
- ✓ Low energy consumption and operating cost,
- ✓ Clean operation,
- ✓ Operators safety devices,
- ✓ Easy access for supervision and maintenance,
- ✓ Visual control of the sludge during dewatering,
- ✓ Easy access to all components

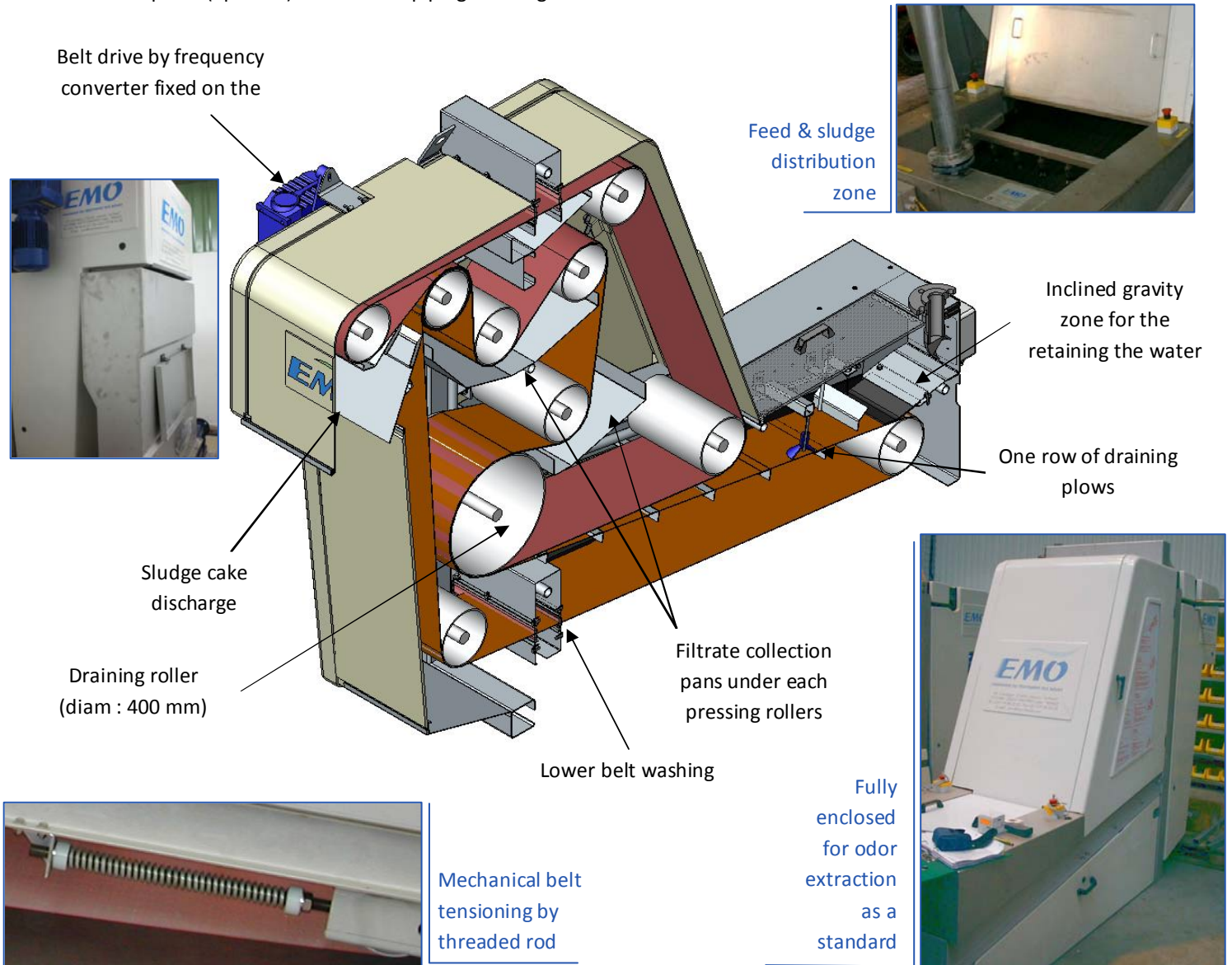
The most compact belt filter press of EMO range is completely enclosed as a standard.

Installations



Exemples d'utilisation

The OMEGA press consists of a stainless steel frame, a sludge level control, one gravity draining section, one assembly of staggered ploughs to ease draining, two filtering belts, compression and alternate shearing sections, a mechanical belt tensioning & tracking system, one belt washing system, one full odor control enclosure, one electrical control panel (optional) and internal piping & wiring.



Selection tables

Note that the belt filter press model is selected according to the DS loading rate per hour and per belt meter width. The rate varies from one type of sludge to the other.

Contact EMO for equipment selection with as much information as possible on the sludge characteristics.

Model	Belt width (m)	Dimensions (l x w x h)	Sludge flowrate (m ³ /h)	Weight (T)
100060 SC	0,60	2,75 x 1,20 x 2,05	=3	0,8
100100 SC	1	2.75 x 1,60 x 2,05	=6	1

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