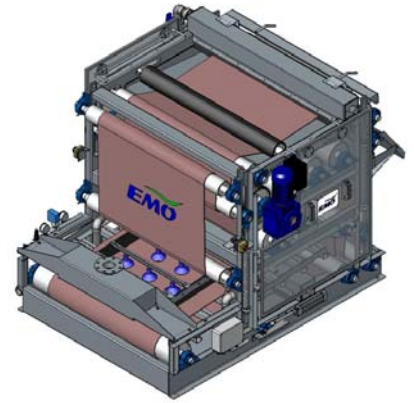


BELT FILTER PRESS OMEGA 100000

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.

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

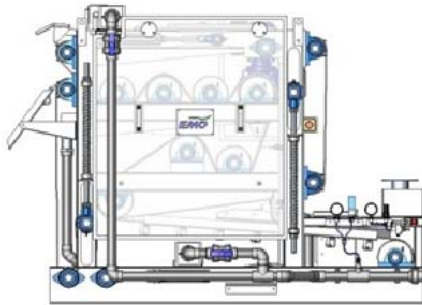
EMO does not only provide electromechanical equipment but engineering and process solution thanks to the expertise of its Chemical & Process Engineers.



Technical data

Among the Belt Filter Press and Gravity Belt Thickener manufacturers, EMO has always been a market leader for smart designing, user-friendly and optimum space requirement /efficiency ratio equipment.

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



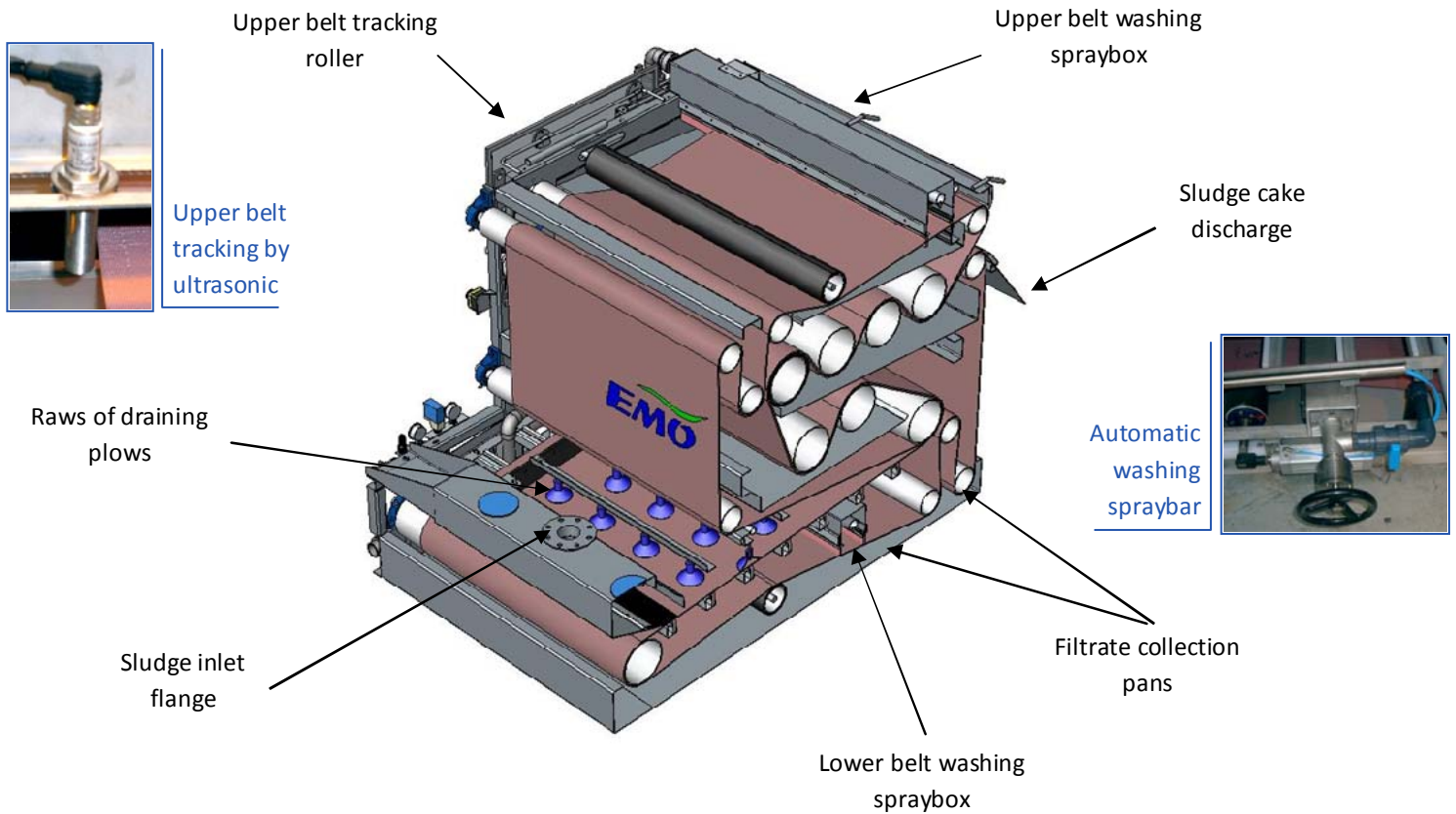
- ✓ high quality components (only stainless steel construction),
- ✓ low energy consumption and operating cost,
- ✓ clean operation,
- ✓ operators safety devices,
- ✓ easy access for supervision and maintenance,
- ✓ visual control of the sludge during dewatering.

Installations



Operating principle

The OMEGA press consists of a stainless steel frame, one sludge distribution tank, one gravity draining section one assembly of staggered ploughs to ease draining, filtering belts, compression and alternate shearing sections, one automatic belt tensioning system by mechanical jack, one automatic belt tracking system by pneumatic jack, one belt washing system, one variable speed drive, one electrical control panel (optional) and internal pipe-work and wiring.



Selection tables

| Modèle | Largeur de bandes | Dimensions (L x l x h) | Débit des boues (pour information) |
|--------------|-------------------|--------------------------|------------------------------------|
| OMEGA 100100 | 1,00 m | 2,78 x 1,87 x 1,92 m | 2 à 6 m ³ /h |
| OMEGA 100150 | 1,50 m | 2,78 x 2,37 x 1,92 m | 4 à 8 m ³ /h |
| OMEGA 100200 | 2,00 m | 2,78 x 2,87 x 1,92 m | 6 à 12 m ³ /h |



OMEGA 100150 combined with GBT—long version



OMEGA 100200



OMEGA 100100 combined with GBT—high version