



# Aqualitec

Screening Equipment & Sludge Treatment

## OMEGA SC

BELT FILTER PRESS

### Descriptions

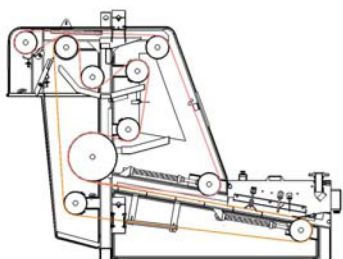
The OMEGA Belt Filter Press is designed for continuous mechanical dewatering of municipal and industrial sludge.

Aqualitec's smart designs offer user-friendly operation, optimum space efficiency, and high operational efficiency ratios.

Aqualitec offers a wide range of belt filter presses to match any plant size. All products offer a slew of benefits to municipal and industrial customers



### Features and Benefits



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

The OMEGA SC belt filter press is the most compact press Aqualitec offers. It is completely enclosed.

### Installations





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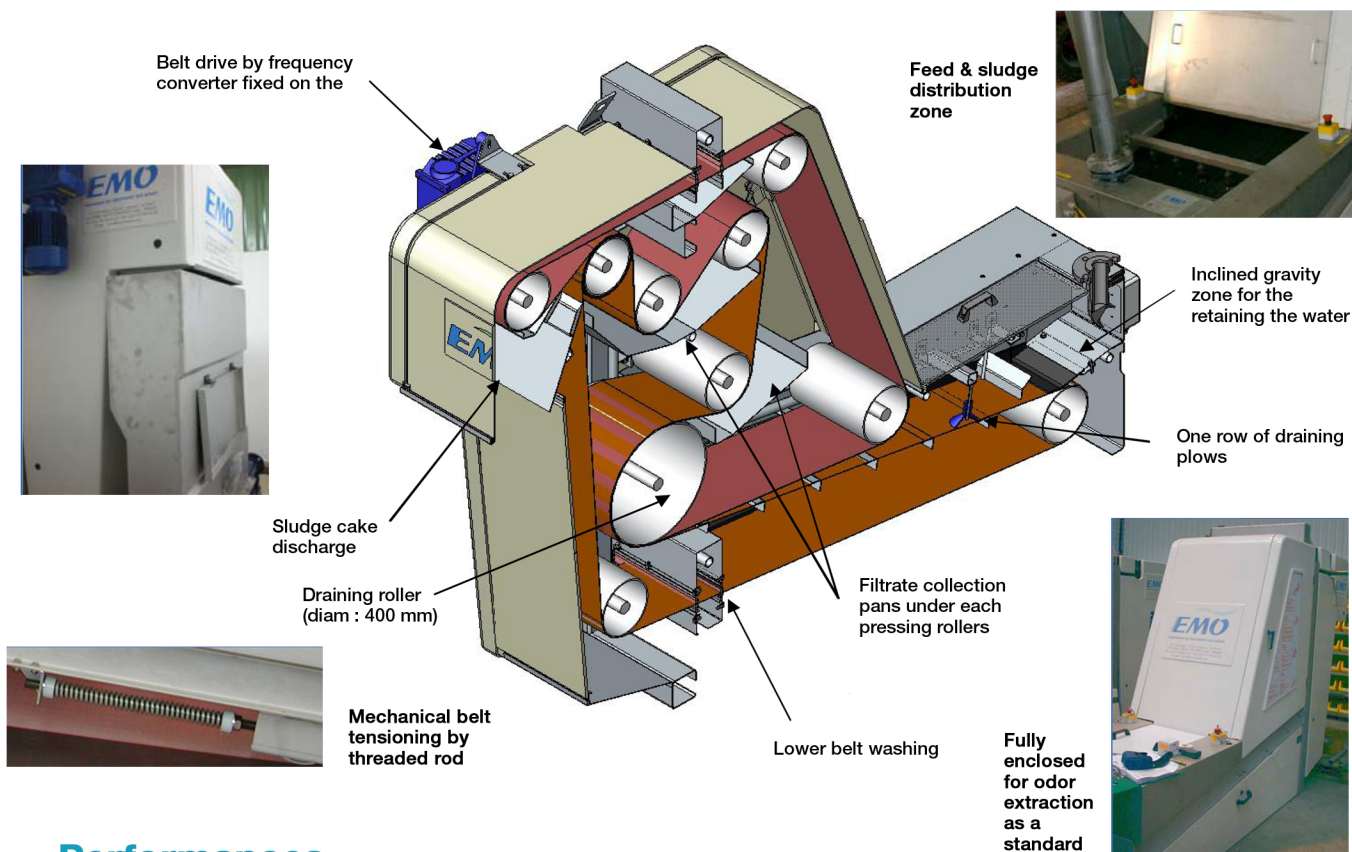
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### Operating Mode

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 and tracking system, a belt washing system, a full odor control enclosure, an electrical control panel (optional), and internal electrical and plumbing components.



### Performances

The belt filter press model should be selected to match the desired DS loading rate per hour and belt meter width. Note that the rate varies between sludge types.

Model	Belt width (m)
100060 SC	0,60
100100 SC	1