

## Vacuum belt filter for the process industry

Vacuum belt filters have become prevalent constructions in many procedural sections for the filtration of sludge and suspensions. Often an additional washing of the solids takes place to separate other unwanted products from the out coming filter cake



## MORSELT Watertechniek

offers different types of filter presses with additional options like for example cake pressing or cake washing device. Depending on the requirements the best matching system can be applied. For the right dimensioning laboratory tests are executed beforehand. Beyond that are pilot facilities available for the continuous operation of the customer.



## Typical fields of application

- Chemical and pharmaceutical industry
- Generating station industry
- Dewatering and washing of minerals
- Paper industry and related areas

### Advantages

- Easy adjustment to product fluctuations through steplessly variable control of the system
- Sturdy and open construction, dimensioned for the automatic permanent operation
- Application of various filter medias made of several different materials
- Cake washing is possible with direct current or counter current
- Low residual moisture through additional pressing of compressed air and/or thermal drying on the filter by use of vapour/hot air



### Available versions

- Vacuum belt filter in the size of 0,3m<sup>2</sup> until 120 m<sup>2</sup>
- Frame sections made of high-grade steel, normal steel or coated
- Parts in contact with the medium in high-grade steel, steel/ rubberised or plastic
- Belt filter with self-control or with overall coordinating control
- Optional with a vacuum-pump, filter interceptor, inspections etc.

