

AutoLine

The fully automatic cleaning of particle loaded sieve filters can be carried out in different ways. The composition of the liquid and the solid, the filter fineness or the system requirements decide which kind of cleaning mechanism works best.

The AutoLine series covers systems for fine to coarse filtration to serve the individual application. Our longtime experience ensures you to receive the appropriate system for the respective application.

LENZING CanFil

Robust backwash filtration with automatic cleaning.

For the separation of impurities this system uses filter candles with a wedge wire or fabric, which are flowed through from the inside to the outside and retain the particles at its surface.

When the preset degree of contamination is reached (shown by increasing differential pressure) the flow direction in one of the filter candles is reversed. In case of bigger filters this happens in two or three candles.

During this step, a small volume of the filtered fluid is used to rinse the particles out of the candle while the filtration continues.

The candles are brought into their backwash position one after the other by means of the rotating backwash arm.

Advantages

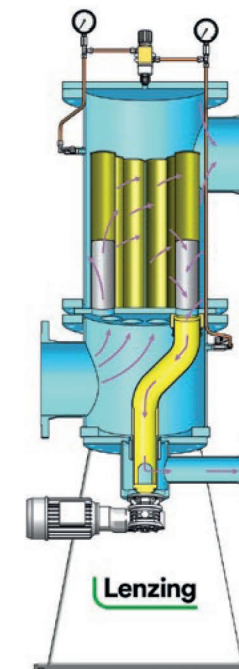
- > Filter fineness down to 50 µm
- > High throughput up to 10,000 m³/h
- > Efficient cleaning by reverse flow

Fluids

- > River water
- > Process water
- > Cooling water
- > Waste water
- > Spray water
- > Well water



CanFil-100



functional principle CanFil



CanFil-500