



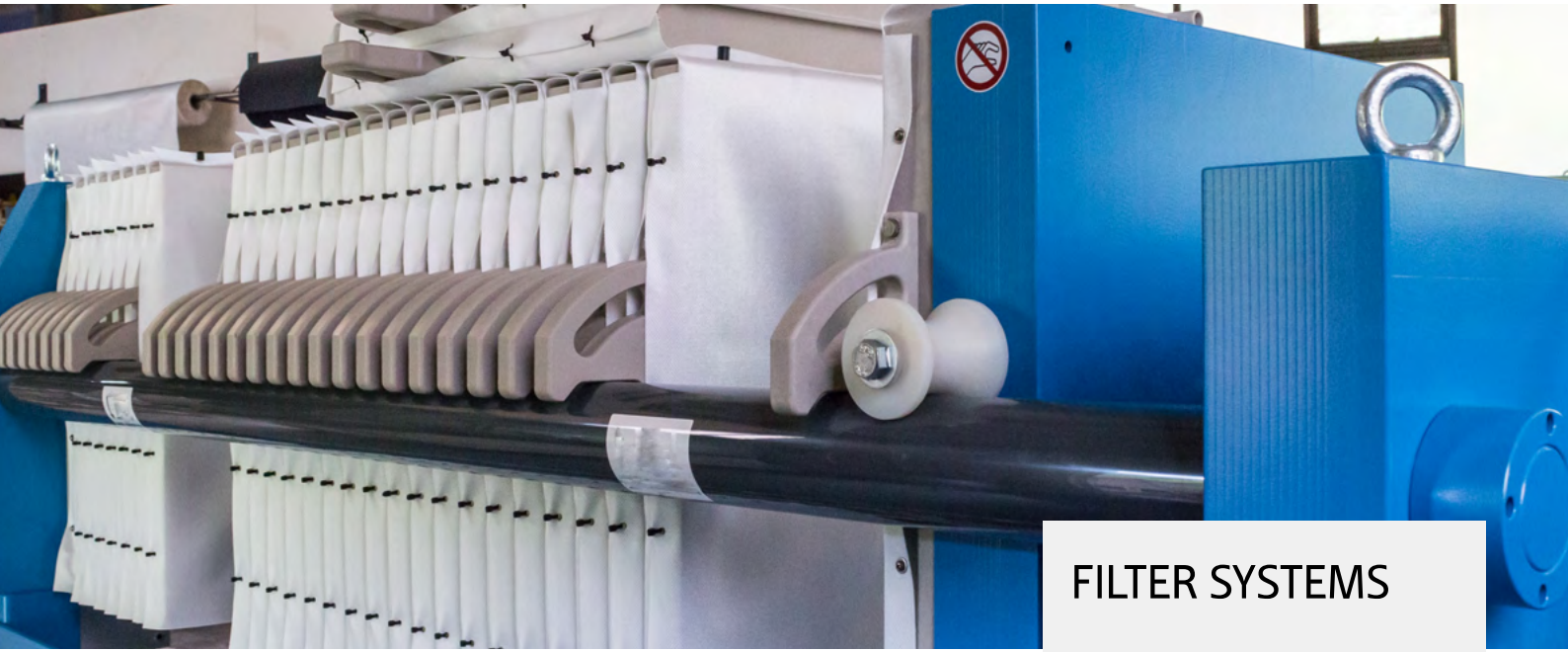
SOLID-LIQUID SEPARATION

Every solid/liquid filtration application is a highly complex separation process. Kayser Filtertech develops individual solutions: **the tailor-made suit for your filtration process.**

Whether for filter bags, filter pockets, filter belts, overhang or barrel neck cloths; optimized filtration performance is paramount. With respect to product filtration, this is apparent in a high filtration efficiency coupled with outstanding operational reliability.

BENEFITS

- ✓ High separation efficiency by means of three-dimensional filter media
- ✓ Fiber structure enables large active filter surface
- ✓ Immediate clear run
- ✓ High throughput at low pressure drop
- ✓ High product yield
- ✓ High dry substance content of the filter cake
- ✓ High chemical resistance
- ✓ High mechanical resistance due to special scrim or fabric material
- ✓ High service reliability due to long service life



FILTER SYSTEMS

- ✓ Vacuum belt filters
- ✓ Rotary drum filters
- ✓ Filter bag system
- ✓ Filter presses
- ✓ Fully automated filter presses
- ✓ Cartridge filters
- ✓ Bag filters

INDUSTRIES

- Minerals and zeolithes
- Chemical
- Pharmaceutical
- Colors and pigments
- Metals
- Food

CASE STUDIES



Task:

Filtration of pigment yellow, good filter cake release and high dimensional stability at best filtration performance.

Solution:

Application of specially calendared Atrotop filter belt.

Benefits:

An approx. nine month service life, high throughput, good dewatering.



Task:

Purification of activated carbon for use in pharmaceutical products, varying particle size distributions, optimized dewatering, high mechanical burden.

Solution:

Application of an Atrotop filter belt with a special scrim.

Benefits:

Service life > 12 months, high removal efficiency.