



BOKELA

VACUUM FILTRATION WITH A PAN FILTER

BoVac Pan filter – with a horizontal filter surface for ideal filter cake washing.



FACTS:

BoVac Pan filters offer economical solutions in the filtration and washing of coarse-grained and rapidly sedimenting suspensions. They feature innovative details and the excellent hydraulics characteristics of BOKELA filters. BoVac Pan filters define a new standard for this rotary filter type.

APPLICATIONS:

- Alumina
- Iron Ore
- Potash/Fertilizers
- Quartz Sand

IDEAL FILTER CAKE WASHING.



Pan filters with their horizontally arranged filter surface are particularly suited for filter cake washing. Therefore, they are preferably used for the filtration and washing of coarse-grained and rapidly sedimenting suspensions.

The BoVac Pan filters define a new standard for this rotary filter type. Many special features and innovations make the BoVac Pan filter series unique, such as the „Forced Feeding“ system for even slurry distribution or the „Quick Drainage Cell“ design for a particularly sharp separation of the filtrate streams. The innovative design is the reason for the high performance, the reliable operation and the easy maintenance.

The hydraulically optimized BoVac Pan filter design ensures minimal pressure loss. Thus, a maximum pressure difference is available for filtration and cake de-

watering. BoVac Pan filters are therefore characterized by high solids throughputs and low residual moisture in the filter cake.

The homogeneous wash water distribution and the sharp separation of the filtrate streams allow intensive washing of the filter cake with minimal use of wash liquid.

BoVac Pan filters are available with different pan diameters and filter areas from 16 m² to 68 m².

BoVac Pan filters are characterized by:

- high throughput
- clean solids through intensive cake washing in up to 3-stage counter-current wash
- minimal need for wash liquid
- sharp separation of mother and wash filtrate
- low residual moisture
- complete cake removal even at higher speeds
- high availability
- BOKELA FrameTrak (optional) – the innovative method for quick and easy filter cloth fixation

Further information at:
bokela.com/bovac-pan

Filter Type [–]	XXS16	XS25	S34	M43	L54	XL68
Pan Diameter [m]	4.8	5.8	6.7	7.7	8.6	9.6
Filter Area [m ²]	16	25	34	43	54	68
No. of filter cells [–]	16	16	16	24	24	24