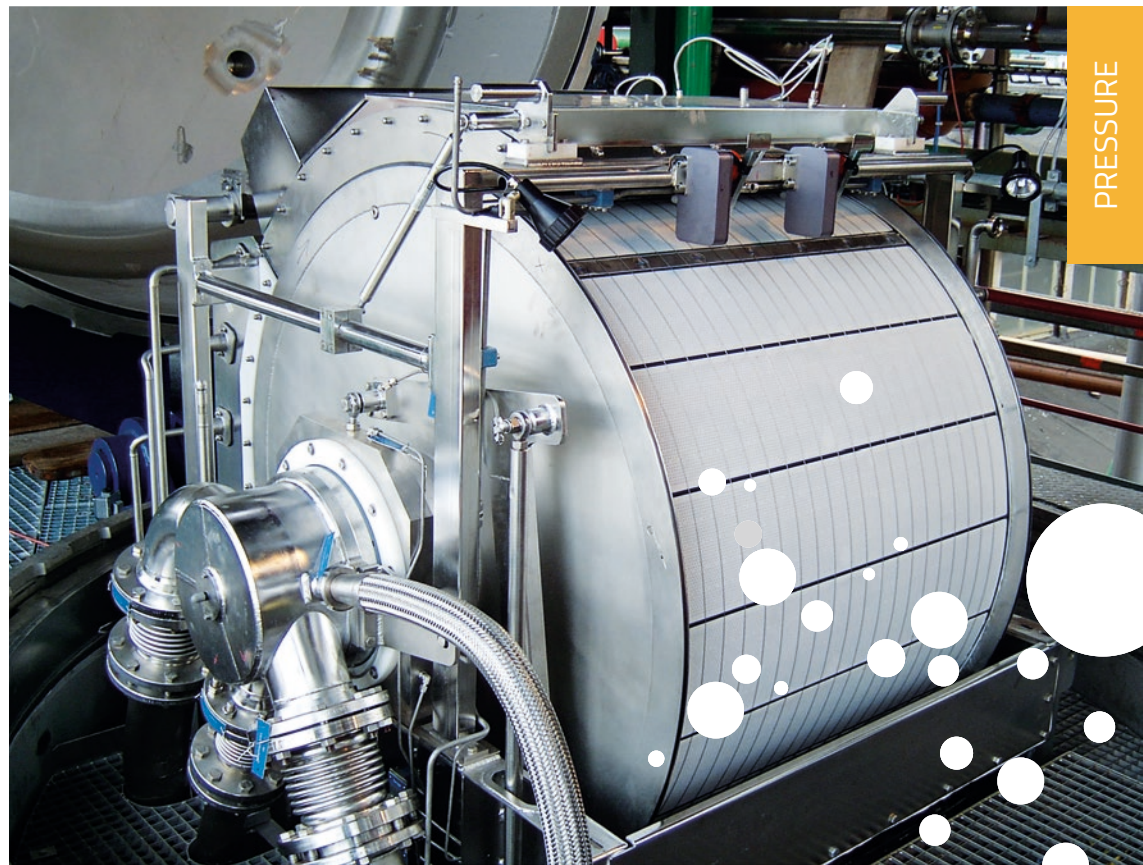




# BOKELA

## PRESSURE FILTRATION WITH DRUM FILTERS

BoHiBar Drum filter – for filtration, washing and dewatering of fine-grained products.



### FACTS:

Intensive filter cake wash. Low residual moisture. Gas-tight and completely leakproof operation. Complex process conditions. Minimal footprint. Such challenges master the continuous BoHiBar drum filters with flying colors. Particularly dry solids are achieved with BoHiBar steam pressure filtration.

### APPLICATIONS:

- Plastic Intermediates
- Crystallization and Precipitation Suspensions
- Pigments, Fillers and Dyes

# FILTRATION, WASHING AND DEWATERING.



**BoHiBar Drum filters deliver unique results in the filtration, washing and demoisturing of fine-grained or difficult-to-filter products, especially in demanding product and process conditions.**

BoHiBar Drum filter by BOKELA represent the state-of-the-art technology for continuous pressure filtration.

High filtration pressure differences up to 6 bar (g) ensure high specific throughputs, intensive cake washing and very low residual moisture. The closed design ensures a gas-tight, leakproof operation when high process pressures and temperatures must be maintained or contamination must be avoided. The space requirement is minimal.

For particularly low residual moisture, steam pressure filtration can be performed on BoHiBar Drum filters. This innovative hybrid process produces particularly dry solids.

BoHiBar drum filters are available in different sizes with filter areas up to 40 m<sup>2</sup> per filter unit.

BoHiBar Drum filters stand out with their most modern filter and plant design, characterized by reliable operation and ease of maintenance.

**Further information at:**  
[bokela.com/bohibar-drum](http://bokela.com/bohibar-drum)

**BoHiBar Drum filters are characterized by:**

- filtration of fine-grained, sensitive or toxic products
- highly efficient filter cake washing
- lowest residual moisture, especially with steam pressure filtration
- saving of drying costs or making thermal drying redundant
- high process pressures up to 7 bar (a) and high temperatures up to 200 °C
- gas-tight and completely leakproof operation
- also suitable for solvent-based suspensions
- possibility for direct re-slurrying of the filter cake
- continuous, fully automatic operation

Filter Type [–]	S5	M9	M13	L18	L40
Filter Area [m <sup>2</sup> ]	5	9	13	18	40
Drum Diameter [m]	1.4	1.9	1.9	2.5	2.5
Length of drum [m]	1.2	1.5	2.2	2.4	5.3
No. of filter cells [–]	24	30	30	24	24
Pressure Vessel Design [–]	vertical	vertical	vertical	vertical	horizontal
Pressure Vessel Diameter [m]	3.6	3.6	4.3	4.8	4.8