

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.

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

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 m² per filter unit.

Applications of the BoHiBar Drum filter:

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

Features and benefits:

- 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 (also under counterpressure)
- continuous, fully automatic operation

