

Continuous Pressure Filter CPF

Wide range of sludge dewatering applications



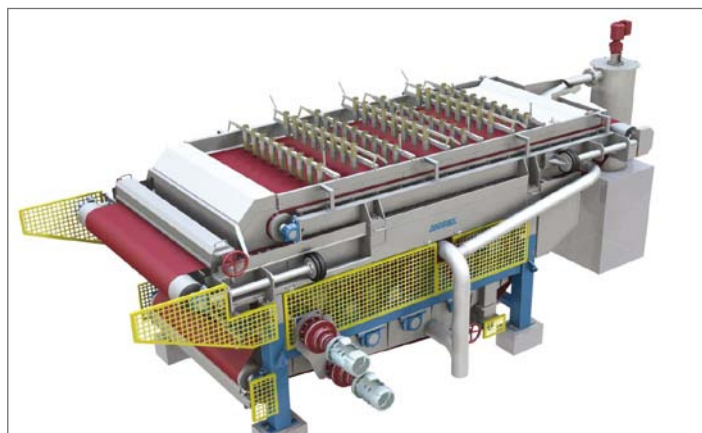
Continuous Pressure Filter CPF

Highest dryness with any kind of sludge

The ANDRITZ Continuous Pressure Filter CPF is a double-wire press with a modular design for dewatering sludge from pulp and paper production and water treatment plants.

The CPF Rhino press is perfectly suited for a wide range of sludges with low fiber and up to 100% biological content. It has a large integrated gravity zone for pre-dewatering.

The CPF Hippo press, suitable for press-stable sludges with higher fiber content, can be delivered either with an integrated pre-dewatering table for low-consistency feed (CPF Hippo L) or with a medium-consistency headbox (CPF Hippo M). The latter can be combined ideally with the ANDRITZ Gravity Table GT or the ANDRITZ Thickening Drum TD. All CPF units are made entirely of stainless steel.



▲ CPF Rhino (with pre-dewatering gravity zone) for dewatering of sludges with up to 100% biological content

Benefits

- Modular design for varying conditions
- High dryness content of thickened sludge
- Low specific energy consumption
- High throughput
- Excellent filtrate quality
- Covered press section (closed system)
- Flexible press forces

CPF Hippo 20 for dewatering sludge with a high fiber content ▼



Characteristics

Continuous Pressure Filter	CPF Rhino 12	CPF Rhino 20	CPF Rhino 30	CPF Hippo 12	CPF Hippo 20	CPF Hippo 30
Working width [mm] / [inch]	1,200 / 47	2,000 / 79	3,000 / 118	1,200 / 47	2,000 / 79	3,000 / 118
Length [mm] / [inch]	8,500 / 335	8,500 / 335	8,500 / 335	6,200 / 244	6,200 / 244	6,200 / 244
Width* [mm] / [inch]	3,200 / 126	4,000 / 157	5,000 / 197	3,500 / 138	4,400 / 173	5,500 / 217
Height [mm] / [inch]	3,500 / 138	3,500 / 138	3,500 / 138	2,900 / 114	2,900 / 114	2,900 / 114
Weight [t]	9.0	12.5	16.5	9.0	12.5	16.5

* incl. drive

All data subject to change

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