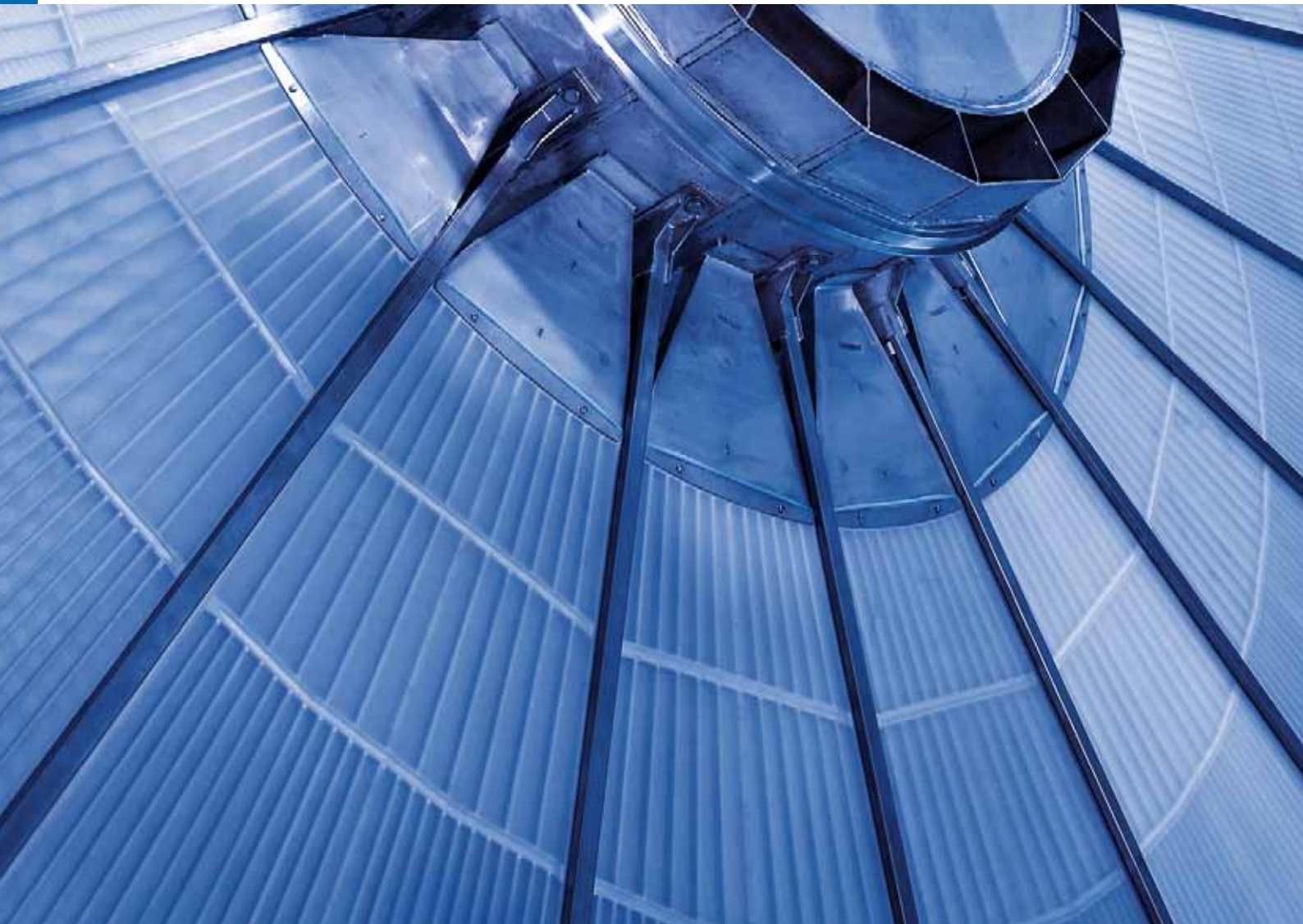


Disc Filter

Thickening and Fiber Recovery



Disc Filter

Extremely flexible in operation

The ANDRITZ Disc Filter is a vacuum assisted thickening machine with rotating discs.

High equipment availability is achieved due to the ability of the Disc Filter to effectively clean the face wire during operation. An open filter deck prevents deposits from accumulating, extends the life of the filter cloths and reduces overall maintenance costs. The sector design and its low internal volume speed up drainage – increasing capacity and dryness of the fiber mat.

An integrated feedbox perfectly mixes the feed over the entire consistency range from 0.4 to 1.5%. Feed distributors in the filter ensure smooth and even flow between each disc.

The Disc Filter's center core design is based upon hydraulic fluid dynamics studies to maintain a constant vacuum level in each sector with minimum pressure loss.

The well-proven sector yields stable operation and excellent operating reliability. The simple mounting system enables

individual sectors to be easily removed and replaced.

Operating flexibility is built-in. The filtrate cycle can be adapted (e.g. vacuum zones, filtrate splits) to the needs of individual processes.

The Saveall Disc Filter incorporates a filtrate valve which permits greater flexibility for the splitting of filtrates. Cloudy, clear and super-clear filtrates can be individually adjusted – even during operation.

Benefits

- **High equipment availability**
- **Low-volume sectors**
- **Integrated feedbox**
- **Advanced center core to maintain constant vacuum levels with minimum pressure loss**
- **Proven, reliable sector design**
- **Designed-in flexibility – even for filtrate split**
- **Efficiencies up to 99.5% for Saveall application**



	Disc diameter	Total height	Total width	Length for different number of discs							
				5	10	15	20	25	30	35	40
[mm]	3800	4750	4550	3330	5280	6890	8510	10110	11660		
[inch]	150	187	179	131	208	271	335	398	459		
[mm]	5700	7110	6460	4500	6250	8000	9850	11600	13450	15200	16950
[inch]	225	280	254	177	246	315	388	457	530	598	667

All data subject to change.

ANDRITZ AG

Graz, Austria
Phone: +43 (316) 6902 0

ANDRITZ OY

Kotka, Finland
Phone: +358 (20) 450 5555

ANDRITZ TECHNOLOGIES LTD.

Foshan, Guangdong, China
Phone: +86 (757) 8296 9222

ANDRITZ INC.

Glens Falls, New York, USA
Phone: +1 (518) 793 5111

ANDRITZ K.K.

Tokyo, Japan
Phone: +81 (3) 3536 9700

www.andritz.com
fiber.prep@andritz.com