



Thickening

Disc Filter

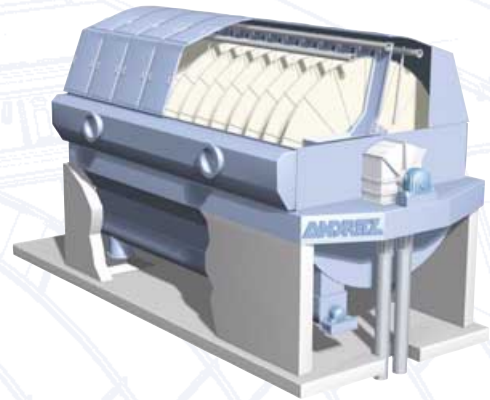
Disc Filter for Thickening

Proven design with new enhancements

Andritz Disc Filter advantages

- dewateres all kinds of pulp
- high availability
- low volume sectors
- integrated feedbox
- enhanced center core maintains constant vacuum level at low pressure loss
- proven reliable cassette design
- designed-in flexibility for vacuum zones and filtrate splits

An Andritz Disc Filter combines the successful operation of hundreds of installed filters over the last 50 years with some new enhancements. 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 perforated plate sector 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 enhanced 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 cassette design yields stable operation and excellent operating reliability. The simple mounting system enables individual cassettes to be easily removed and replaced.

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

	Disc Diameter	Total Height	Total Width	Length for different numbers of disc							
				5	10	15	20	25	30	35	40
mm	3800	4750	4550	3700	5250	6900	8550	10200	11750		
inch	150	187	179	146	207	272	337	402	463		
mm	5700	7110	6460		6150	7900	9650	11400	13200	14950	16900
inch	225	280	254		242	311	380	449	520	589	665

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