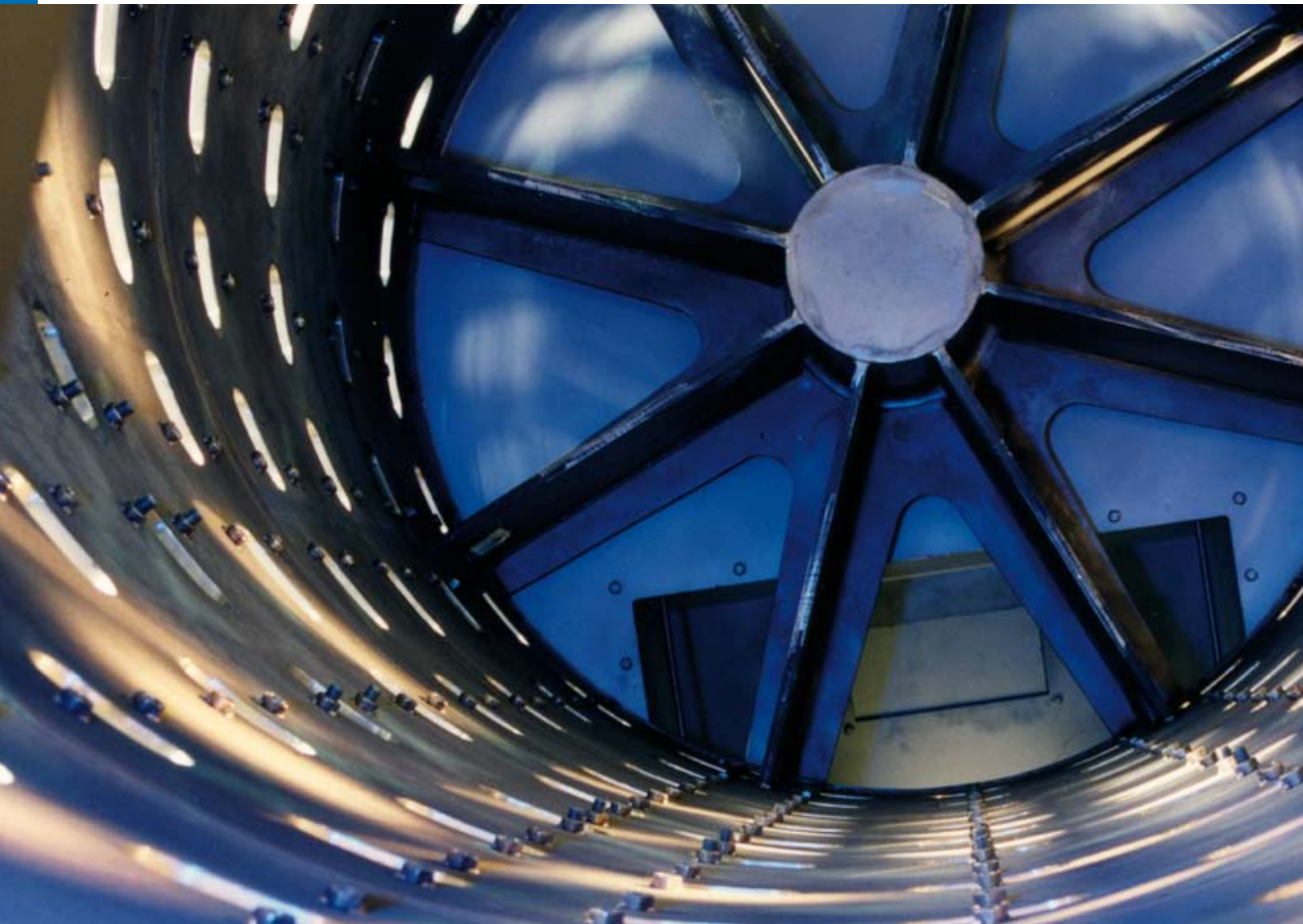


# HydroDrain

## Thickening



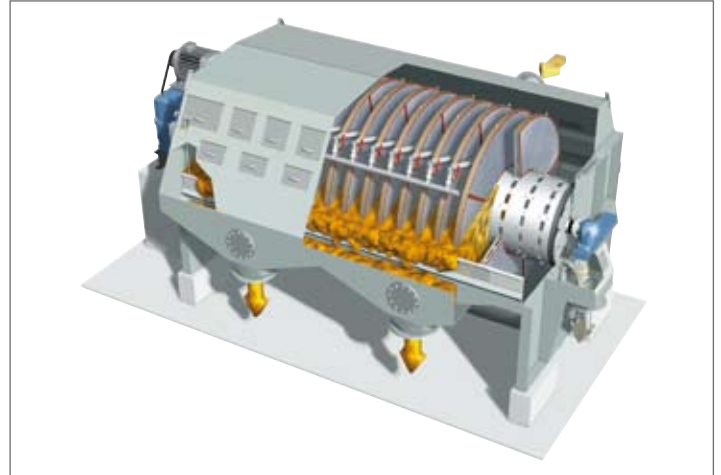
# HydroDrain

## The ultra-compact gravity thickener

The ANDRITZ HydroDrain is a compact and virtually maintenance-free gravity thickener and insensitive to changes in process conditions such as throughput and inlet consistency.

The pulp suspension is fed at a consistency of 0.9 to 2.5% to the headbox of the HydroDrain before flowing over a weir into the vat in the same direction as disc rotation. Thickening is ensured by the different levels in the center shaft and the vat, which are controlled by adjustable weirs. Outlet consistency can be varied by the discharge weir and by adjusting the rotation speed. The filtrate is discharged either at one or both shaft ends, depending on the filter size.

The HydroDrain thickening concept permits the installation of a large dewatering area at minimum floor space.



### Benefits

- **Extremely compact design**
- **Efficient and reliable dewatering**
- **Large dewatering area – small floor place**
- **Easy and simple operation**
- **Virtually maintenance-free**
- **Fully assembled for minimum site erection**



HydroDrain	Diameter	Width	Height	Length								
				6	8	10	12	14	16	18	20	22
No. of discs				6	8	10	12	14	16	18	20	22
[mm] / [inch]	<b>2600 / 102</b>	4210 / 166	3250 / 128	3820 / 150	4470 / 176	5030 / 198	5590 / 220	6580 / 259	7140 / 281	7700 / 303	8260 / 325	9000 / 354
[mm] / [inch]	<b>4000 / 158</b>	6320 / 249	5000 / 197	5220 / 206	6020 / 237	6820 / 267	7650 / 301	8450 / 333	9250 / 364	10100 / 398		

All data subject to change.

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