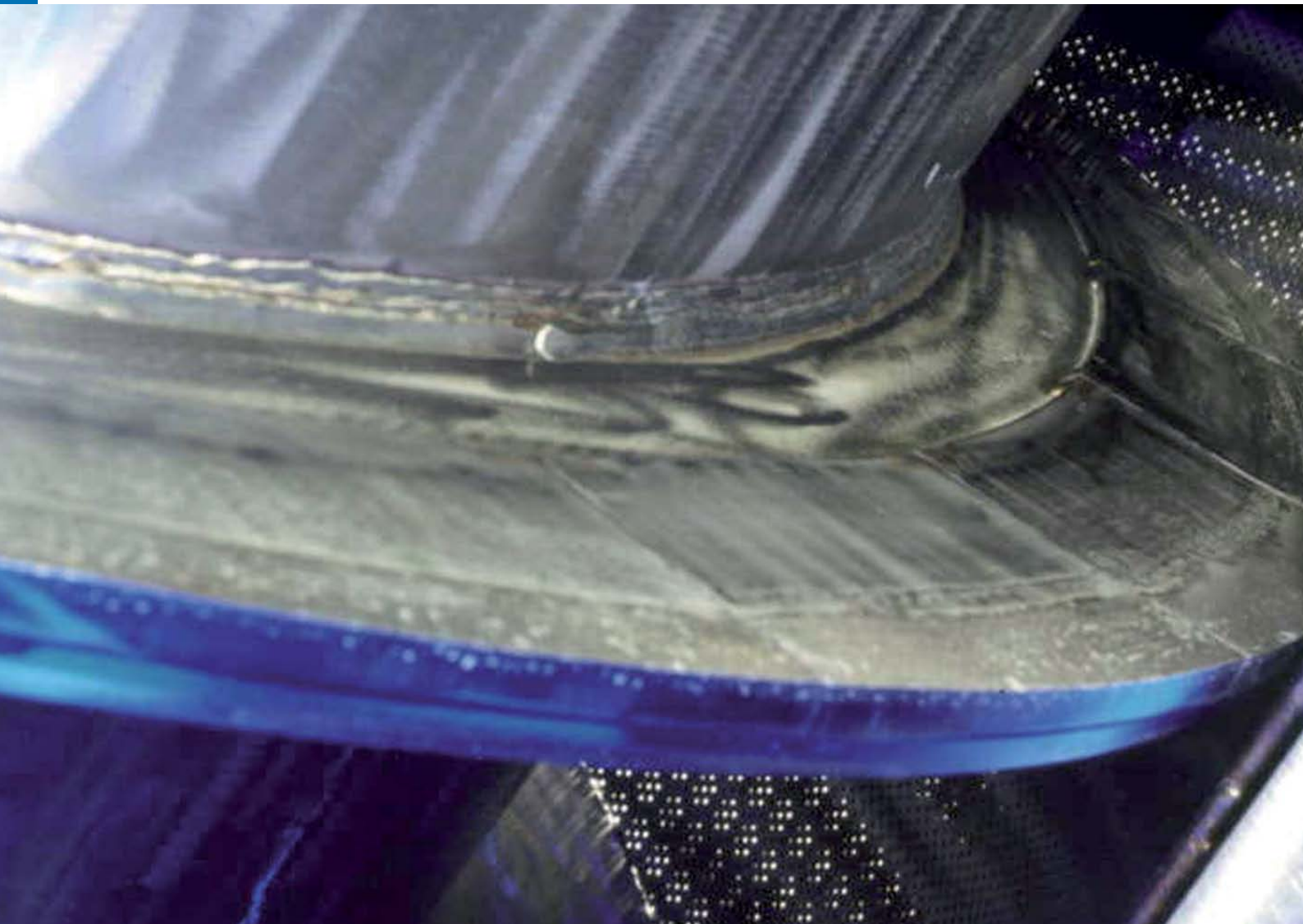


## **Sludge Screw Press SCS**

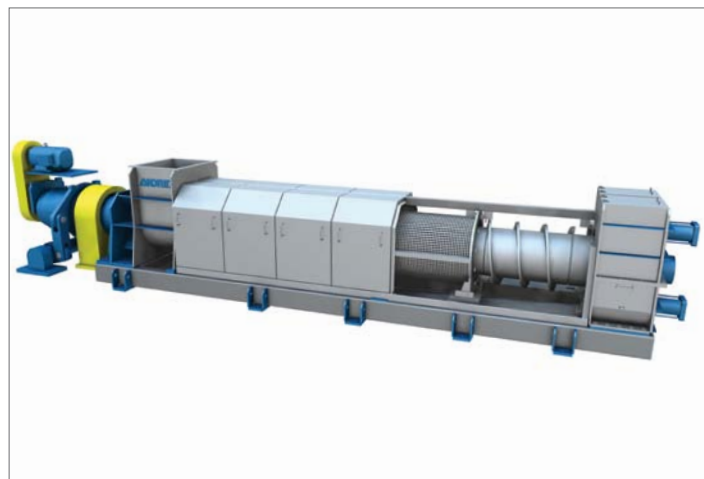
Dewatering fibrous sludges to highest dryness



# Sludge Screw Press SCS

## Highest capacity, highest dryness

The ANDRITZ Sludge Screw Press SCS is designed for high-throughput, high-dryness applications. It utilizes a conical shaft and a decreasing pitch of flights in the screw to dewater sludge through reinforced screen baskets. Counter-pressure is automatically controlled at the discharge end to prevent blockage and to achieve the highest dry content even with changing sludge characteristics. The addition of a shaft dewatering zone at the end of the screw also serves to increase the final consistency of the sludge. Optional steam heating can bring the sludge dryness to a maximum consistency of up to 70%. Robust design and the choice of durable materials ensure a very rugged product. This, and the double-flighted screw protected by wear shoes, keep maintenance to a minimum.



### Benefits

- Highest dryness, highest capacity
- Shaft dewatering for higher final dryness
- Optional steam feeding boosts dryness to a maximum
- Superior uptime and availability
- Self-adjusting counter-pressure unit
- Fully closed system



### Characteristics

Sludge Screw Press SCS	SCS454	SCS756	SCS1008H	SCS1008X	SCS1408H	SCS1408X
Height [mm] / [inch]	1,400 / 55	1,800 / 70	2,300 / 92	2,200 / 87	2,900 / 115	2,800 / 109
Length [mm] / [inch]	6,700 / 262	8,900 / 348	11,000 / 429	10,600 / 416	11,500 / 454	11,000 / 429
Width [mm] / [inch]	1,100 / 43	1,800 / 70	2,400 / 94	2,100 / 81	3,400 / 135	2,900 / 114
Total weight [t]	4.5	12	22	20	37	35
Shaft dewatering	no	no	yes	no	yes	no
Steam heating	no	no	yes	no	yes	no

All data subject to change

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