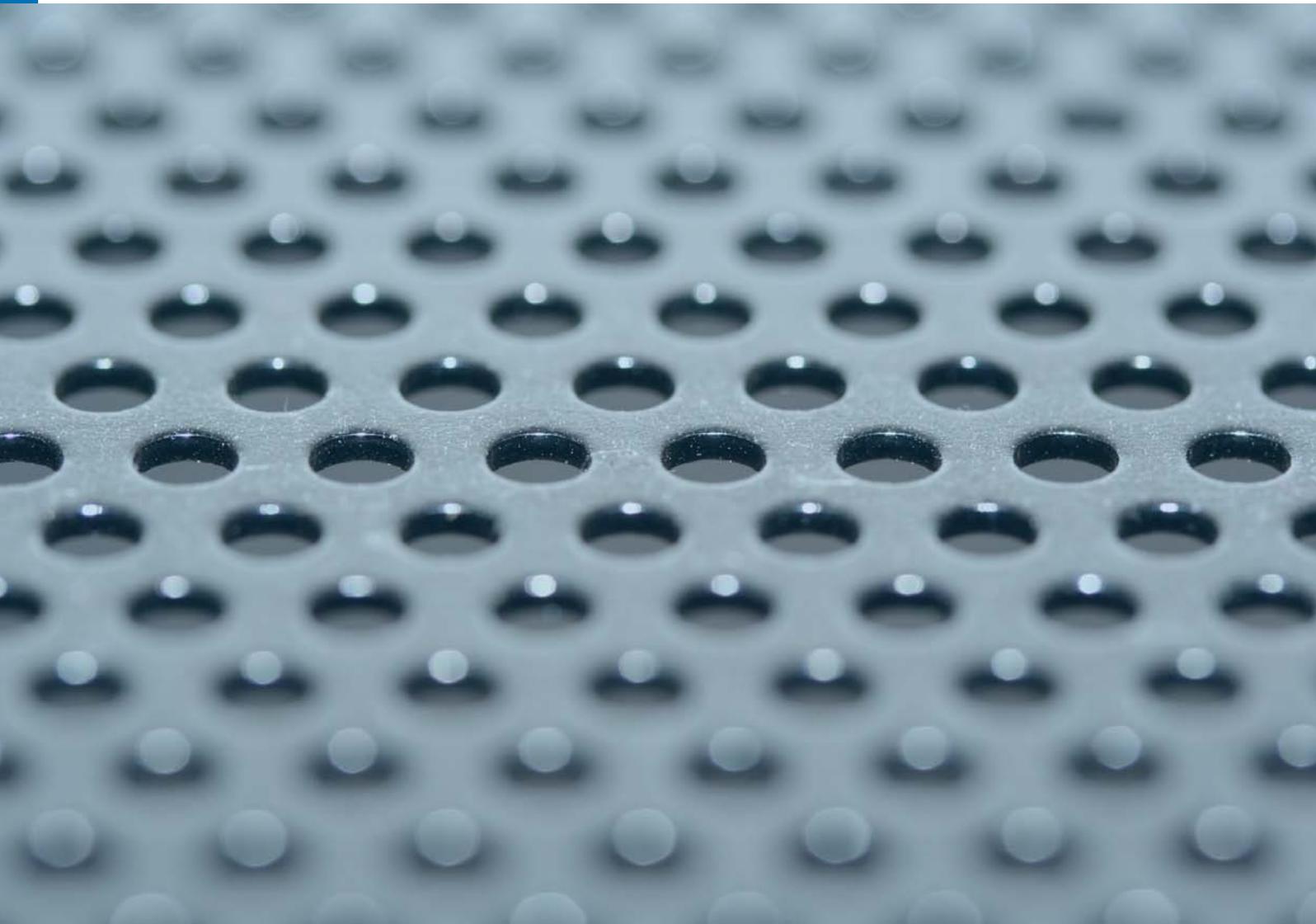


Ballistic Separator ReBal

Efficient removal of bulky waste compounds



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The material is separated based on the various trajectories and ballistic characteristics of the waste compounds. The ANDRITZ Ballistic Separator ReBal sets the material in motion with an inclined screen plate that oscillates at around 150 revolutions per minute.

Light and flat particles, such as sheets of paper, plastic films and fabrics, are pushed upwards and transported towards the light fraction. Heavy and spherical or cubic particles (stones, bricks, and other heavy items, as well as plastic bottles or cans) fall and roll downwards to the heavy fraction. The perforated plate (sieve) itself generates a fine fraction.

The rigid design of the ANDRITZ ReBal is perfectly suited to rejects from recycled fiber processing.



▲ ANDRITZ Ballistic Separator ReBal (opened for maintenance)

Benefits

- Closed system for a clean machine environment
- Various screen plates available to adjust the fine fraction
- Trouble-free processing of wet material (consistencies of down to 20%)
- High throughput up to 60 m³/h
- Low energy consumption
- Gas-spring-supported maintenance openings ensure easy accessibility

Characteristics

Ballistic Separator ReBal	ReBal16	ReBal28	ReBal40
Capacity [m ³ /h]	20	40	60
Sieve area [m ²]	4.8	9.6	14.4
Total weight [t]	5.8	9.6	13.5

All data subject to change



▲ Light, heavy, and fine fractions from drum pulper rejects

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