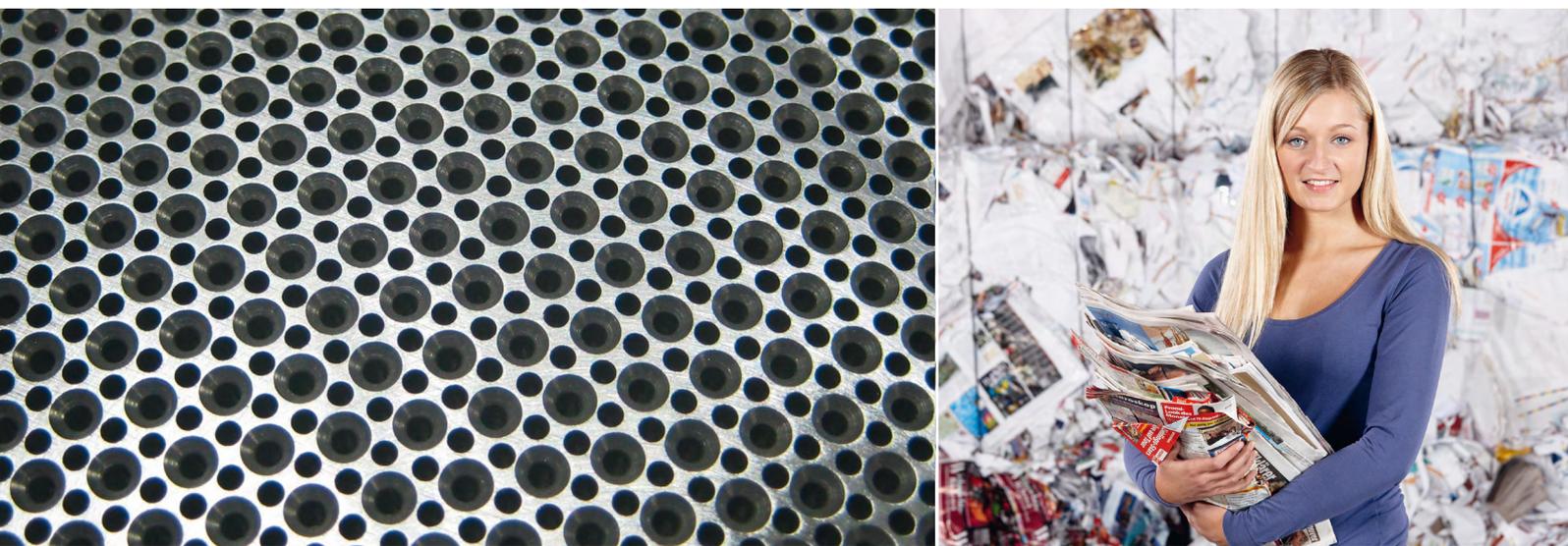


NDuraPlate D

Newly developed hole design improves performance



High quality screening process

The screening process is mainly influenced by the functionality of the engaged screen plates and rotors. The newly developed shape of the NDuraPlate D improves the screening, detaching and extracting processes.

Innovative design leads to faster purification

The product name is derived from the term daisy, because the new designed perforation of the NDuraPlate D is inspired by the flower. This development contributes to a more efficient screening process. In interaction with a rotor, the new adjustment creates micro turbulences on the plate surface. As a result the purification of NDuraPlate D works faster and better.

Significant cost savings due to new hole shape

The new perforation of the NDuraPlate D generates higher and more stable production efficiency up to 10%. At the same time there is no increase of the fiber percentage in the rejects.

Furthermore, the new hole design enables either a significant increase in throughput or flake and loss reduction. These improvements generate energy savings up to 6,000 € per year. The proven quality of the NDura material in combination with the hole design of the NDuraPlate Daisy lead to a higher wear resistance and robustness. These advantages result in a longer service life of the screen plate.

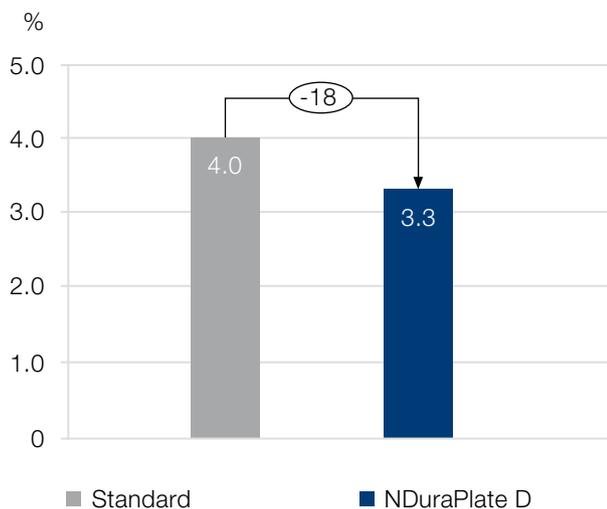
Arrangement of the holes on two levels

In comparison to the standard screen plates the optimized perforation of the NDuraPlate D consists of two levels. At the lower level, the countersunk holes represent the center of the daisy flower. The upper level of the screen plate is composed of standard holes with a round perforation. These holes are arranged like petals around the center.

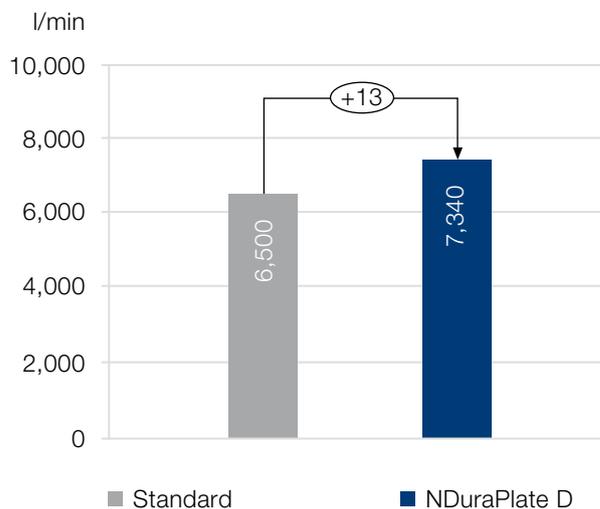
Your benefits NDuraPlate D

- + Longer service life due to better wear resistance
- + Higher deflaking efficiency and loss reduction
- + Reduction of specific energy consumption
- + Increase of the throughput
- + Improved capacity

Flake content



Maximum throughput



Technical data of installation

Based on CSM22B	Before	After
Rotor RPM	420 min ⁻¹	420 min ⁻¹
Maximum throughput	6,500 l/min	7,340 l/min
Accept flake content	4.0 %	3.3 %



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