

Highly efficient tail screen for minimum fiber loss CombiSorter



Advantages

- + High yield with minimum fiber loss
- + Largely fiber-free rejects with high consistency up to 30 %
- + Low wear due to basalt lining of the housing
- + High throughput with continuous operation
- + Simple control via feed pressure
- + CombiSorter experience of more than 20 years

Fiber loss is one of the main problems in coarse screening. To prevent this, CombiSorter can handle high throughput with a small amount of rejects that are washed and thickened in the machine.

CombiSorter is a continuously operated, highly efficient tail screen for separating plastics and light rejects. With very high consistency in the reject discharge, no other thickening machine is required. At the same time, fiber loss is reduced to a minimum and a feed forward system with the accept stock is possible.

Pioneering technology with significant cost savings

CombiSorter has a high deflaking efficiency with proven separation of plastic and Styrofoam from fibers. Thus, significant savings from reduced fiber loss can be achieved. Thanks to the high reject consistency up to 30 %, no additional reject predewatering is required.

CombiSorter experience of more than 20 years

Its outstanding robustness and reliable operation are proven in more than 350 successful CombiSorter installations.

Application areas and options

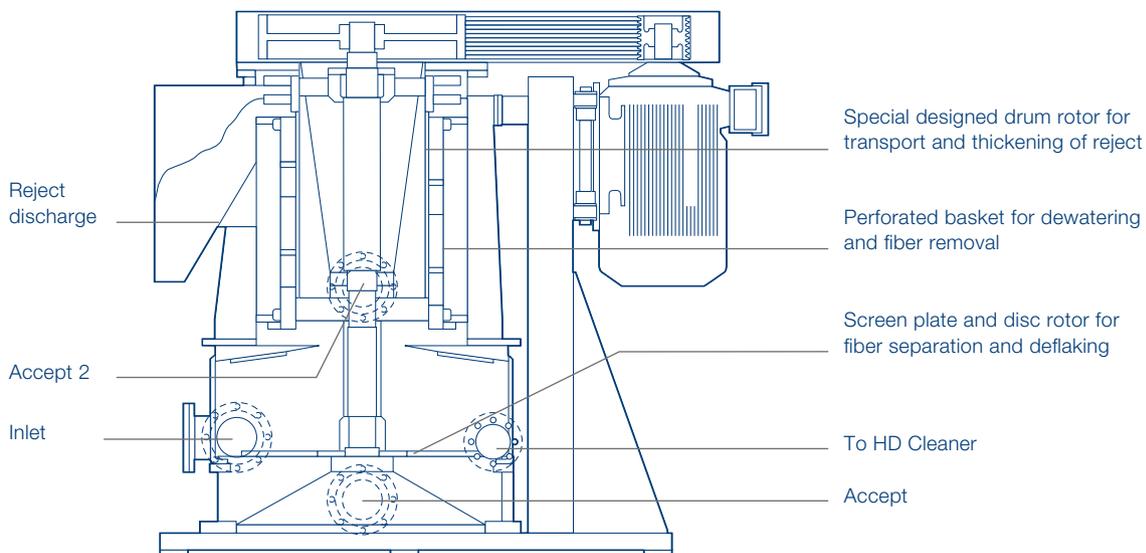
The CombiSorter is used in coarse screening or for intermediate screen in combi-screening. It is available in two sizes with final stage production quantities* up to 200 metric tons per 24 h.

*Depending on stock composition, consistency, contaminant and flake content, etc.

Maintenance intervals and services

Voith offers a comprehensive repair and optimization program for the screen basket, screen plate, the upper and lower parts of the enclosure, cylinder rotor, rotor blade and orifice with deflector strips. The technical customer service center is available for further information and specific advice.

Functional principle CombiSorter



Voith Group
St. Poeltener Str. 43
89522 Heidenheim
Germany

Contact:
Phone +49 7321 37 0
paper@voith.com

www.voith.com/paper



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