

ClassiScreen™

Roller screen

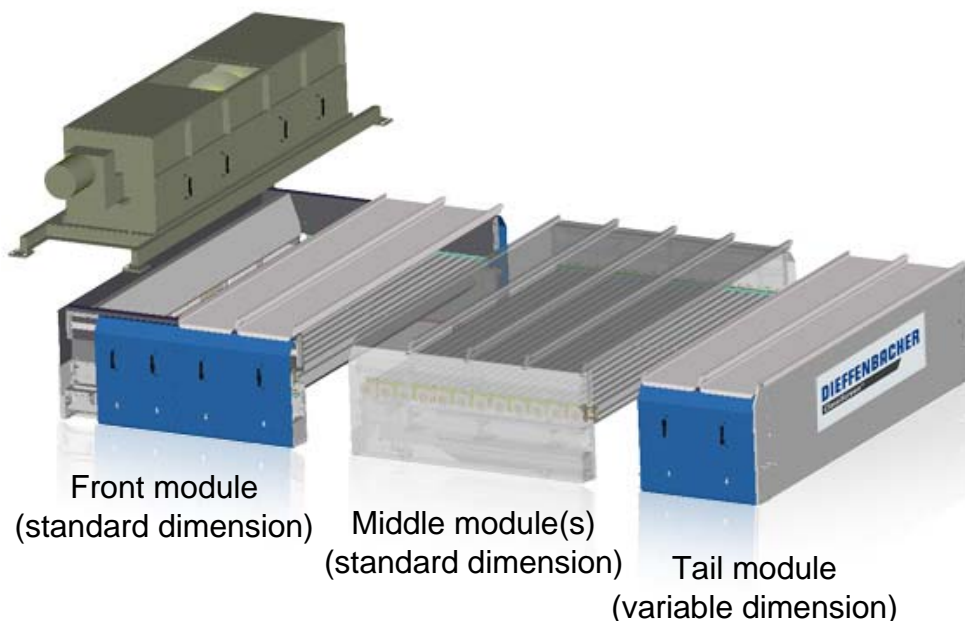
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DIEFFENBACHER

ClassiScreen™ roller screen with modular structure

- **Designed specifically for particleboard and MDF industries for processing a variety of raw materials**
 - The ClassiScreen classifies wood material by thickness. The material can be sorted into required fractions, for example, fines, flakes, minichips, chips and oversized.
 - The screening of wood material makes it possible to optimize the operation and operating costs of the downstream production process and to improve panel quality.



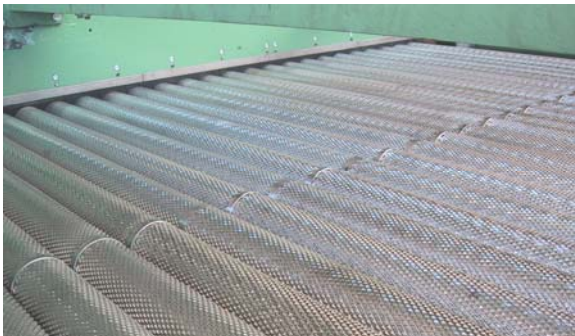
ClassiScreen™ roller screen with modular structure

■ Benefits:

- Best screening accuracy with high-precision Diamond Rolls
- Efficient fines removal
- Efficient thickness screening, improved wood material quality
- High capacity per screening area
- Low energy consumption
- Low maintenance costs
- Low dust emissions and noise level
- Fast installation, compact and modular design
- Cost-efficient container or truck transportation
- Minimum dynamic load, light foundations
- Extendable for raw material cleaning or for capacity increase

Compact Diamond Roll screen

- The material is screened on a roller bed. Gaps roller pattern size and rotation speed combined, determine the fraction of the screened particles.
- Wood particles are screened mainly by thickness, partly by particle volume due to its three-dimensional surface.
- The screen is suitable for both wet and dry material, as well as chips and flakes.
- The modular structure provides for more cost-efficient container or truck transportation without special convoy arrangements. It also shortens installation time.



Diamond Roll patterns are available from superfine to 8.0 mm. Support rings at the roller bed prevent contact damages.

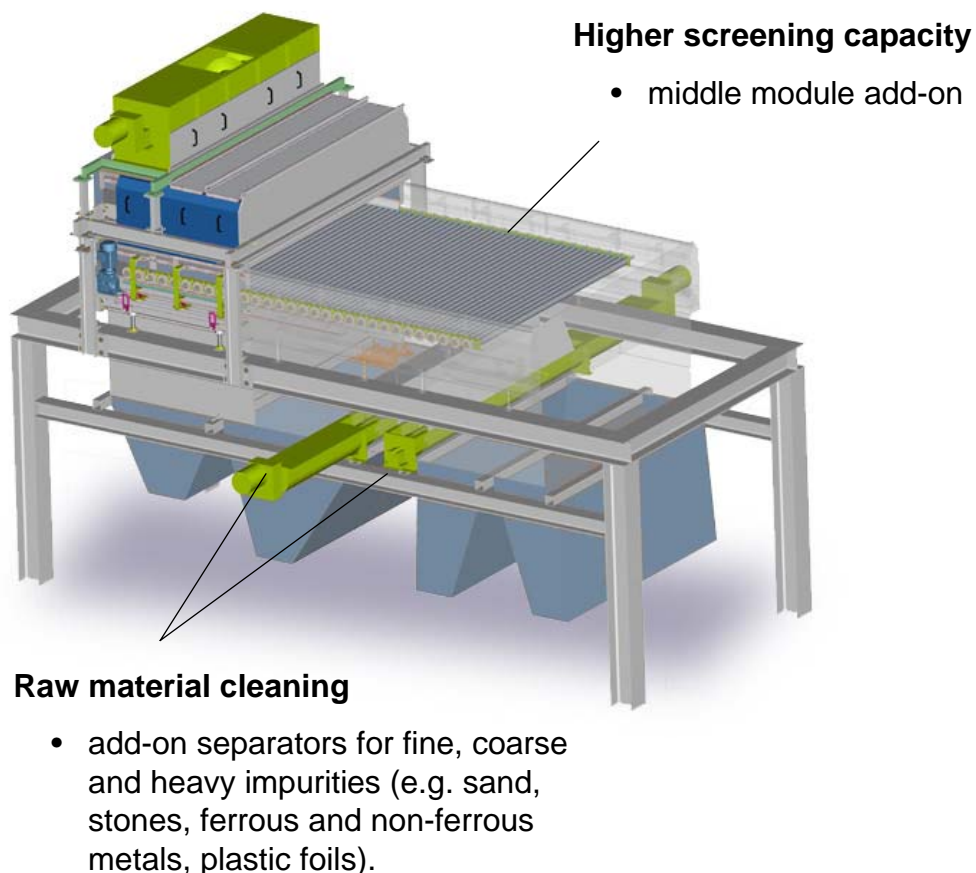


Removal of oversized particles



Application extensions

- The structure of ClassiScreen also enables adding cleaning features when required. Separators for different kind of impurities can be installed easily, allowing a more efficient use of recycled raw material.
- By combination of front, middle and tall modules the screening capacity can be customized according to your current needs.
- ClassiScreen provides screening capacity of up to 60 t/h.



Application extensions

