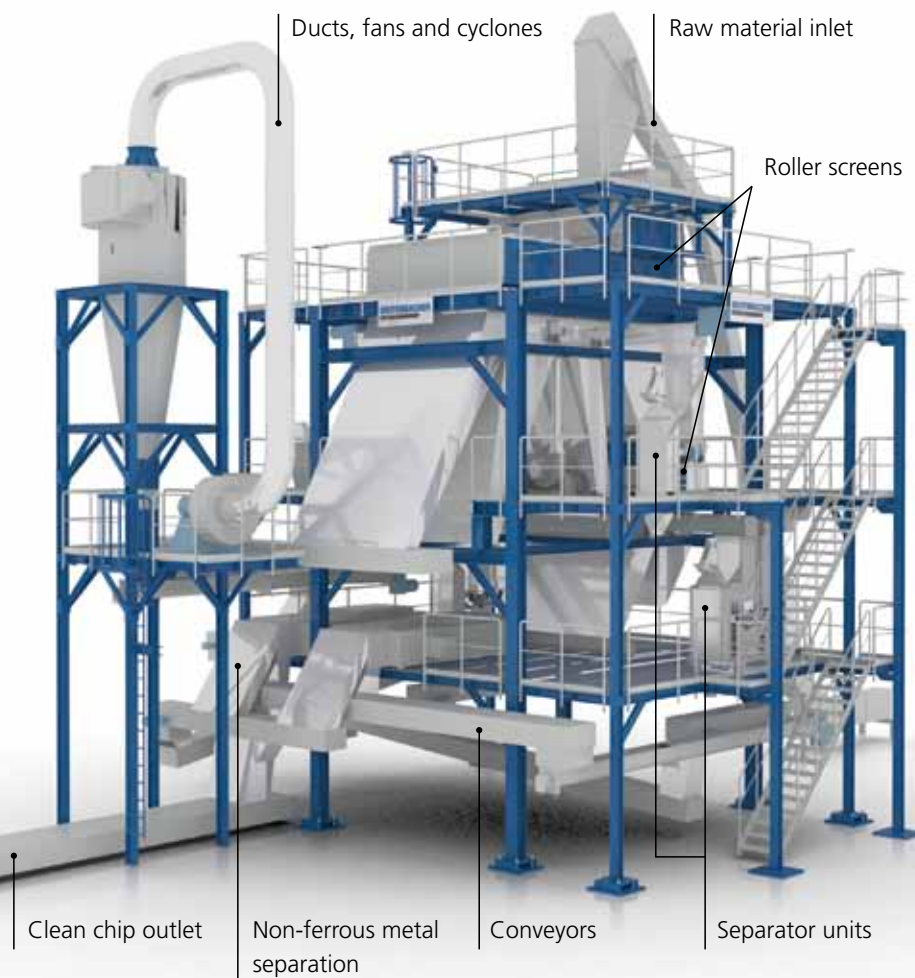


ClassiCleaner™

Raw material screening and cleaning for panel and pellet industries



Cost-efficient solution for cleaning raw materials for the manufacture of high-quality wood-based panels and pellets – even of recycled raw materials.

Key features:

- Efficient removal of a variety of impurities
- No waste-water treatment
- Low maintenance
- Low energy consumption
- Low emissions
- Compact design, minimum dynamic loads, light foundations
- Flexible modules for different raw materials

Combines screening and cleaning into a single unit

ClassiCleaner™'s high performance is a result of an unique 3-stage cleaning procedure. The material is screened into separate fractions according to process needs on a roller bed. As the material moves along the roller bed, heavy contaminants

are concentrated and form a mineral-enriched layer on top of the roller bed. This enriched bottom layer is separated into a sub-flow through a special, wider roller gap and is cleaned in specific air-assisted cleaning units.

The ClassiCleaner™ features a ClassiScreen™ roller screen, which incorporates the specially designed Diamond Roll bed.

From waste wood into high-quality board or pellet

The ClassiCleaner™ separates a wide range of contaminants from the raw material flow:

- Fine contaminated dust with bark and soil
- Sand and stones
- Glass and porcelain
- Ferrous metals
- Non-ferrous metals
- Low-quality wood particles, e.g. heavy knots
- Plastic foils

The ClassiCleaner™ performance has been proven in customer installations in the panel industry using 100% recycled raw material.

Additional cost savings

In addition to savings in raw material, electrical energy and maintenance, there are also other gains: less wear on down-sizing equipment, cyclons, cutting blades

and sanding paper. This makes it possible to increase the amount of recycled wood for the manufacture of panels and pellets – without compromising the quality.



Please contact us for further information:

DIEFFENBACHER

DIEFFENBACHER PANELBOARD OY
PO Box 40
15561 Nastola, Finland
Phone: +358 10572 9000
Fax: +358 10572 9001
e-mail: dpf@dieffenbacher.com
www.dieffenbacher.com

DIEFFENBACHER GMBH
Maschinen- und Anlagenbau
Heilbronner Strasse 20
75031 Eppingen, Germany
Phone: +49 7262 65-0
Fax: +49 7262 65-377
e-mail: wood@dieffenbacher.de
www.dieffenbacher.com