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GreCon

Contamination-free
Wood Chips by Automatic
Separation of Foreign
Objects of all Sorts

GreCon

Fire
Protection

GreCon

Measuring
Technology

GreCon

Service



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Subject to technical and country-specific modifications.
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TEMSOL

CHIPINSPECTOR



Your Benefit



- Improved quality
 - Satisfied customers through excellent panel quality
 - Fewer complaints
 - Improved product quality
- Reduction of material costs
 - Fewer rejects
 - High material load of up to 55 t/h atro
- Reduction of production costs
 - Less maintenance due to less strain of downstream facilities
 - Longer life of grinding discs

Quantum Jump in MDF Quality

The GreCon CHIPINSPECTOR separates foreign objects so that high panel quality and significant savings of material and production costs can be achieved.

The measuring systems that have been available so far are not capable of detecting a broad spectrum of foreign objects.

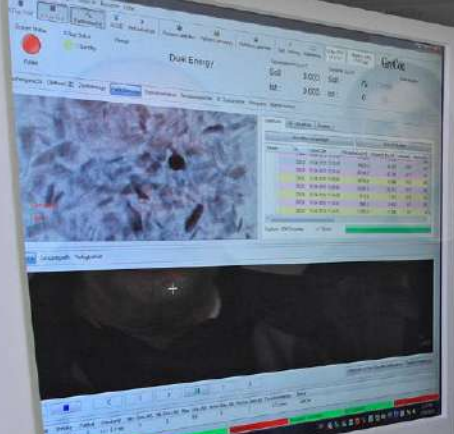
Using a dual-energy method, 99 % of all foreign objects can be detected in the material supply and diverted before they reach downstream processes. Because of the material-specific absorption behaviour of different materials, materials of the same weight per unit area, such as wood and rubber, can now be reliably distinguished with this technology.

Contamination of the material flow can be identified regardless of the surface structure or moisture content of the raw material. Foreign objects are even identified in thick material layers of up to 50 mm. They will be reliably detected even if they are covered by chips. The reliable identification and diversion of rubber parts before defibration significantly reduces the risk of contamination of the panels by rubber parts on the surface.

Why GreCon



- Customer-specific system design
- High innovative capacity: more than 10 % of the employees work in the R & D division
- Worldwide customer service network: more than 80 service technicians on duty worldwide
- Efficient sales network: represented in more than 35 countries
- High expertise: more than 40 years of experience in the measuring technology sector



Service

GreCon measuring systems are equipped with GreCon online support SATELLITE.

This provides safe, simple and fast remote support where there is trouble or to check the system. Each online support is logged and stored in the system's history.

Applications

- MDF
- HDF
- Processing of waste wood



Technical Specifications

CHIPINSPECTOR 12

- Amount atro 12 t/h
- Assumed spreading density atro..... $\geq 140 \text{ kg/m}^3$
- Conveyor belt width..... 1000 mm
- Advance 67 m/min

CHIPINSPECTOR 30

- Amount atro 30 t/h
- Assumed spreading density atro..... $\geq 140 \text{ kg/m}^3$
- Conveyor belt width..... 1600 mm
- Advance 110 m/min

CHIPINSPECTOR 55

- Amount atro 55 t/h
- Assumed spreading density atro..... $\geq 140 \text{ kg/m}^3$
- Conveyor belt width..... 2000 mm
- Advance 120 m/min