

PRESS RELEASE

Chipboard Production

GreCon SEGMENTED SCALPER: Optimised material distribution for improved quality and resource savings

Alfeld, 14 February 2025

The GreCon SEGMENTED SCALPER (SCALPER) is setting new standards in chipboard production. As a process control solution, it directly intervenes in production to optimise material distribution. Manufacturers benefit from lower material costs, enhanced product quality, and improved resource efficiency.

Maximum Efficiency Through Precise Material Distribution

The SCALPER, featuring individually controlled segmented scalping rollers, utilises precise measurement data from the GreCon MATCONTROL HF to directly adjust the production process. Material fluctuations are detected and automatically corrected, ensuring a more uniform distribution and greater product stability. Critical areas, such as panel edges, gain additional strength, while material consumption is reduced, lowering production costs.

"The SCALPER goes far beyond traditional measurement technology," explains Christian Angel, Product Manager at Fagus-GreCon. "It is the key to highly optimised material distribution control and represents a major milestone in chipboard production – precise, resource-efficient, and reliable."

The Advantages of GreCon SCALPER

- **Material savings:** Reduces fluctuations and improves stability in critical areas. A more even distribution lowers raw density without compromising quality standards.
- **Quality improvement:** Minimises variations in material density and strength, ensuring greater edge stability.
- **Sustainability:** Reduced material consumption conserves resources and lowers production costs. Efficiency gains and cost reduction go hand in hand.

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Part of GreCon FORMATOR: More Control, More Efficiency

Working in tandem with GreCon MATCONTROL HF, which provides the necessary measurement data, the SCALPER is at the core of the GreCon FORMATOR - a comprehensive solution combining measurement and process control. While MATCONTROL HF delivers precise data on material density and fluctuations, the SCALPER actively adjusts production to ensure optimal distribution. Together, they provide maximum control, quality, and resource efficiency.

Experience the GreCon SCALPER Live!

Visit us at LIGNA 2025 in Hannover from 26 to 30 May 2025 and discover how the GreCon SCALPER can transform your production processes. Find us in Hall 26, Stand C42.

About Fagus-GreCon Greten GmbH & Co. KG

Fagus-GreCon is the global leader in preventive fire protection solutions as well as high-precision measurement and inspection systems for industrial applications. The company's solutions enhance safety, quality, and efficiency in industries such as wood-based panels, furniture manufacturing, and recycling. For over 50 years, GreCon has set industry standards in industrial fire protection, safeguarding production facilities with innovative spark detection and extinguishing systems. In measurement technology, GreCon enables precise process and quality control through state-of-the-art technology. Headquartered at the UNESCO World Heritage Site Fagus Factory in Alfeld, the company employs over 700 people worldwide.

Fagus-GreCon – Pioneering Spirit that Sets Standards!

Find out more at: www.fagus-grecon.com