



ADVANCE NONWOVEN A/S

Foundation

- 2006

Turnover

- About 20 million €

Employees

- 12

Branches

- Agriculture & Horticulture
- Building & Construction
- Carpet & Flooring
- Consumer Goods
- Packaging

Key materials

- Natural fiber
- Recycled synthetic fiber & granulate

Key products

- Tailor-made products



Our Company

The company was established in 2006 with the objective of creating commercial opportunities for sustainable products made from natural fibers and recycled waste.

Our vision is to develop, build and participate in operating manufacturing lines for sustainable nonwoven products.

Our core business is to engage in joint ventures around the world, where we provide know-how, development and full turnkey factory installation.

We create joint venture opportunities through our business development activities.

The Company's equity is Dkr. 50m.

Our Technology

Our patented CAFT – Carding Airlaid Fusion Technology – introduces unprecedented flexibility and capacity in air-laid/carding processing that literally is “game changing” in the industry.

The CAFT technology facilitates the use of sustainable resources creating a variety of new products.

The Applications

A broad selection of products can be made with the CAFT technology ranging from thin tissue like textures to lofty structures and from low to high density compositions – all made from sustainable and/or renewable resources like natural fibres, either from a fibre crop or residuals from an agricultural production or from waste fragments or recycled material.

Products find a home in categories like: insulation material, growth media, absorption mats, composites, upholstery, filtration and packaging – among many other.



Our Advantages

Traditional airlaid industry operates with 1–12 mm fibers and the traditional carding industry operates with 5–100 mm fibers. In both industries capacity will decrease as the fiber length increase.

Our CAFT technology operate with fibers in the length of 1–100 mm, thus covers both the mentioned industry standards and will maintain the capacity regardless of the fiber length – and CAFT can process homogeneous material as well as inhomogeneous materials.

This specification allows us to process traditional material and – more important – natural fibers or waste material at a high capacity, 2000 kg/h and up, unlike competing technologies.

Further, the final product range is broad – from millimeter thin products at 150 g/m² to centimeter thick products at 15000 g/m² – very versatile capabilities compared to competing technologies.



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