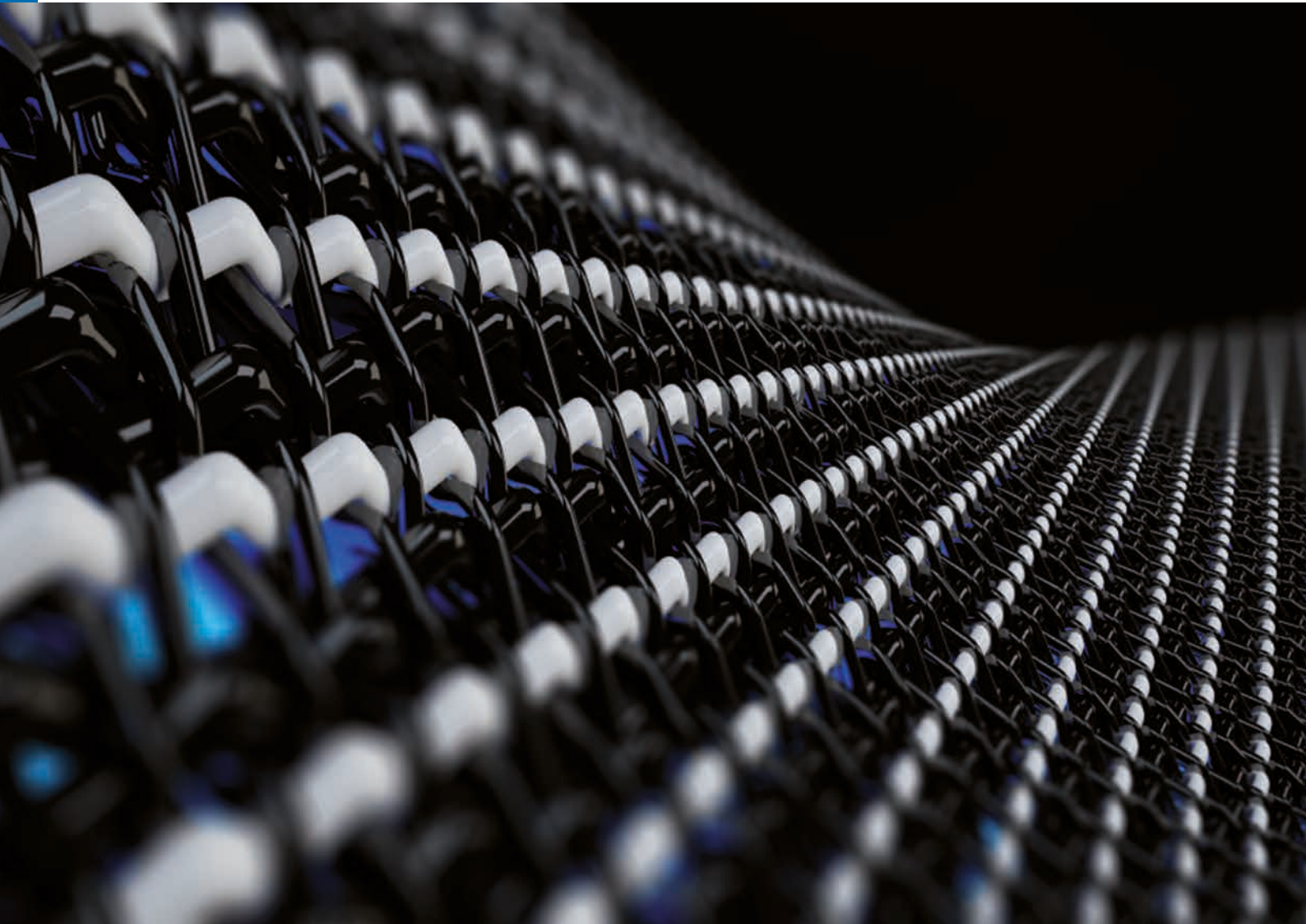


WeValue PRIME

High-tech ensures 100% reproducibility
Forming fabrics for specialty papers



Your needs. Our motivation.

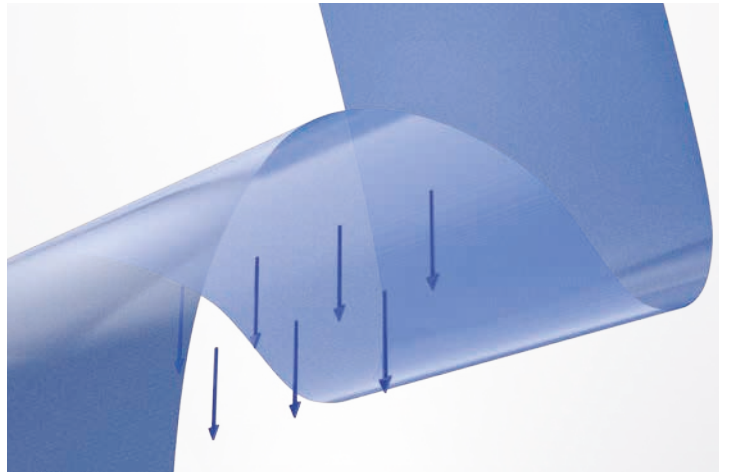
At ANDRITZ, we draw our motivation for innovative solutions from the requirements of our customers.

Our products offer

The best dewatering

- Engineered dewatering capacity
- Optimum fabric caliper

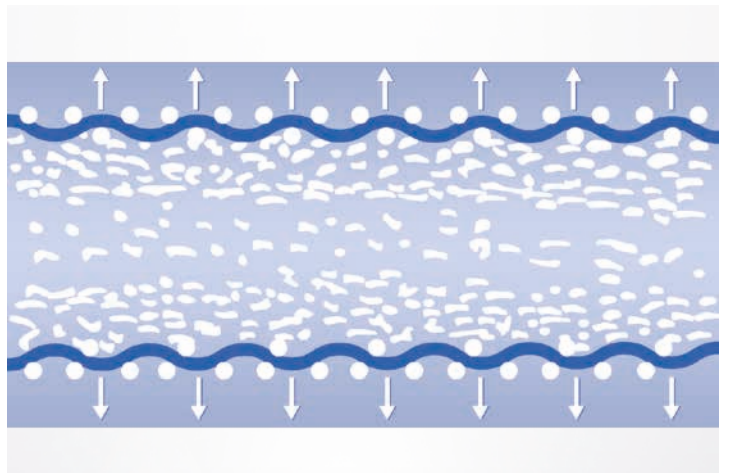
→ The best porosity



Excellent filler retention

- Fiber support
- Defined dewatering

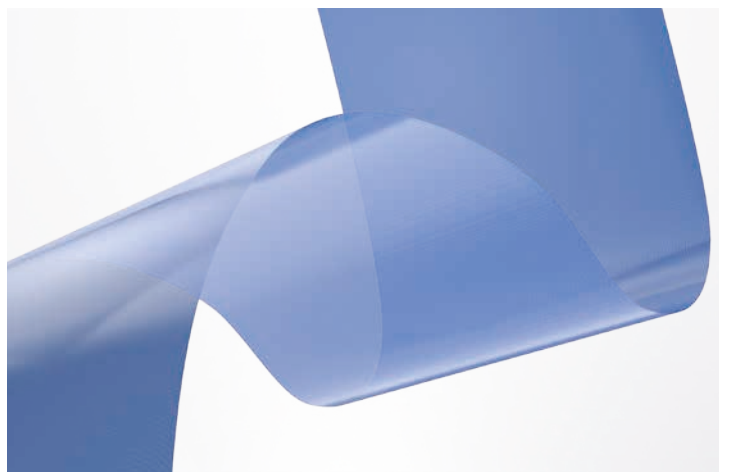
→ Ideal ash Z-distribution



The finest paper-side topography

- No marking tendency
- Highest fiber support
- Best formation

→ The best runnability and printability

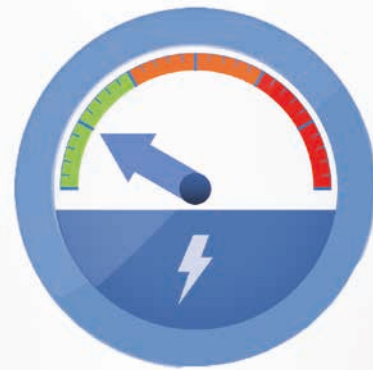


Positive impacts on your process

Energy savings

- Lowest friction coefficient vs. dewatering elements
- Effective vacuum dewatering

→ **Market-oriented development adds value**



Machine hygiene

- No water-/fiber carrying
- Efficient cleaning
- Clean fabric run

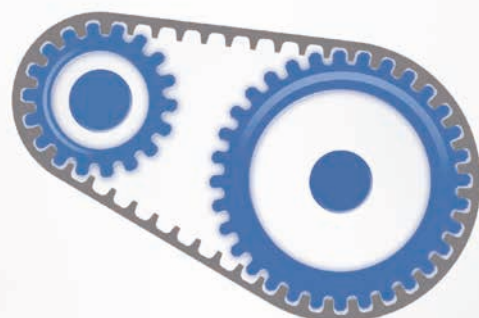
→ **Fit maintenance requirements**



Machine efficiency

- Highest production speeds
- Long runtime potential
- Short shutdown times

→ **Maximum efficiency**



The challenge

Perfect reproduction
for demanding specialty papers



Our goal

Filters, silk, decorative, or security papers: our forming fabrics are individually tailored for the most challenging applications with the highest quality demands. Our objective is to guarantee constant paper characteristics through perfect reproduction at the same high quality.

The key to success

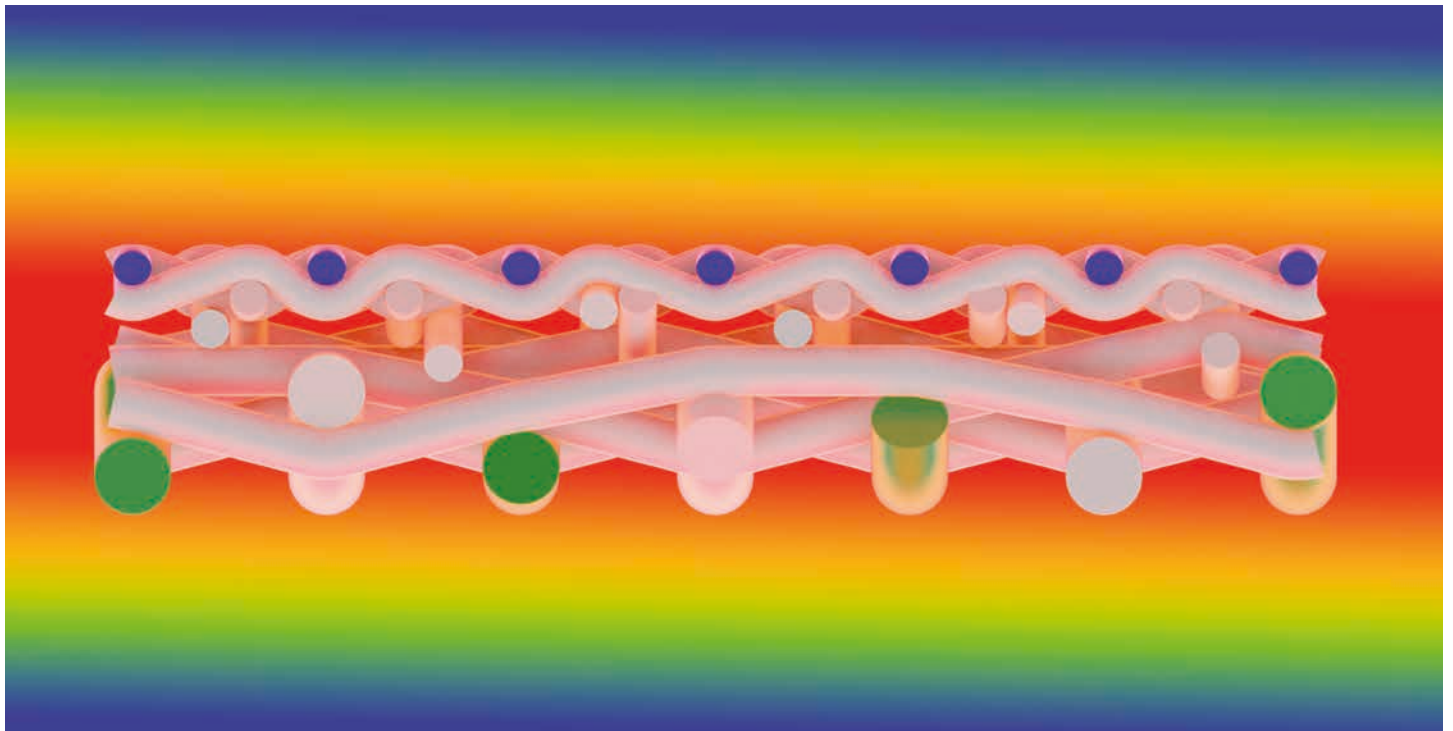
In order to achieve our goal, we use the highest precision and uniformity in every manufacturing step of our fabrics – starting with intelligent product design to the highest precision in weaving and on to the final finishing.

Crucial key in manufacturing of highest quality fabrics is control and strict monitoring of every individual manufacturing parameter. Process steps with especially high control potential are identified and constantly refined, enabling us to master the ultimate challenge: the perfect reproduction of demanding specialty papers.

The solution

Specific thermofixing routines

Precise control by highly developed procedures



▲ Defined heat input

The result

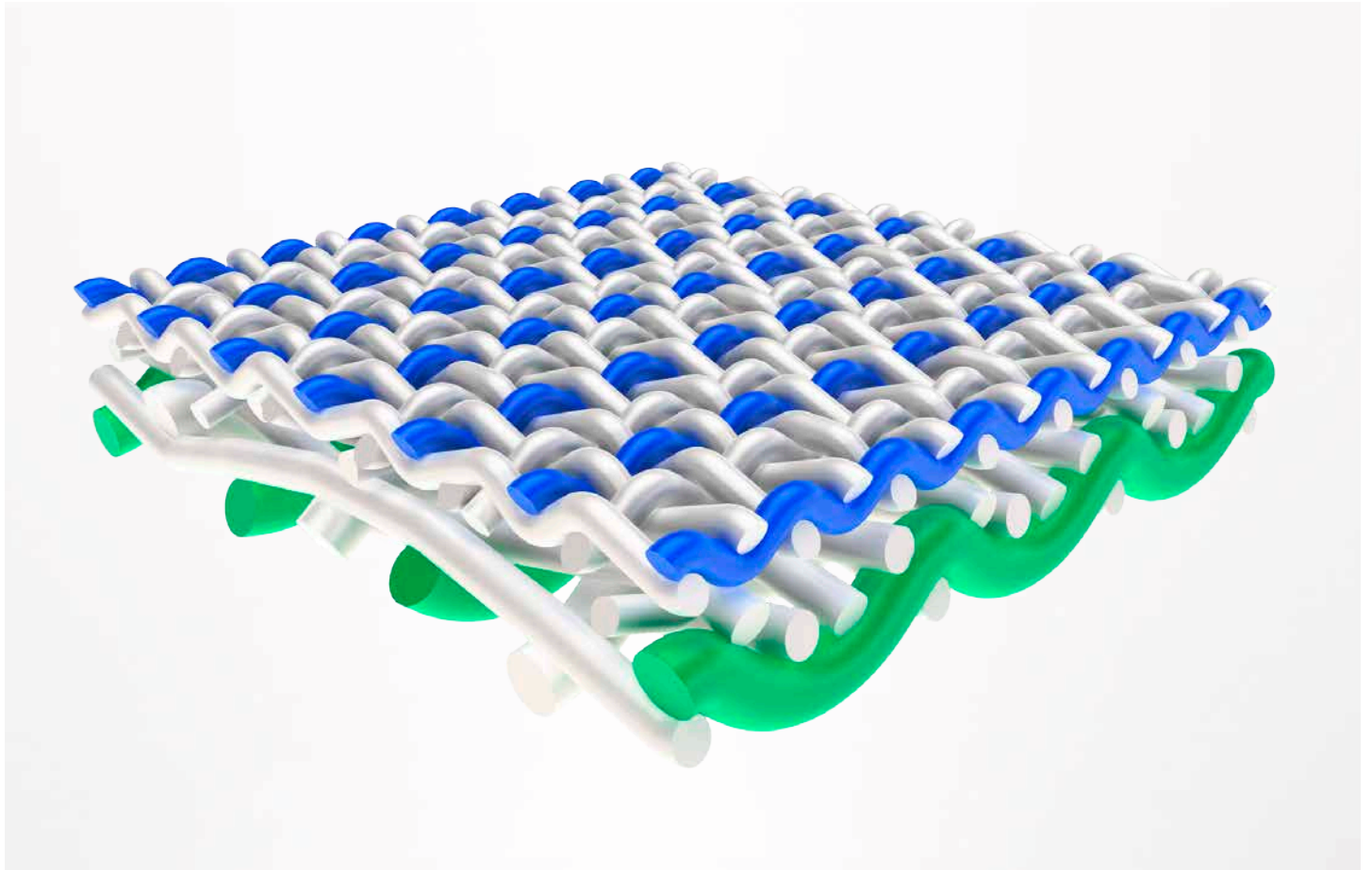
Thanks to our years of experience in thermofixing, we were able to perfect a complex process which allows us to precisely balance the various parameters and individually tailor them to every application. Our coordinated thermofixing routines, based on the most up-to-date technology standards, control the interaction of exactly defined temperature curves, the continuous buildup of traction, and the optimum time input – at an absolutely constant run speed.

The result is a broad range of technologically balanced product designs which offer tailored solutions for every type of paper machine and every grade of paper – for the highest demands and perfectly reproducible quality.

- Homogeneous paper-side topography
- Dimensional stability
- Fixing of the weave architecture

WeValue PRIME GE

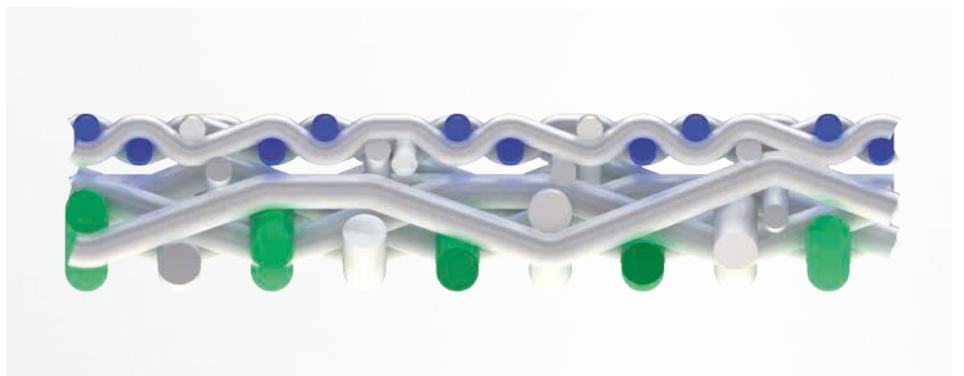
The result of intelligent product design
WeValue PRIME fulfills all the requirements for the highest paper quality
and the best reproducibility.



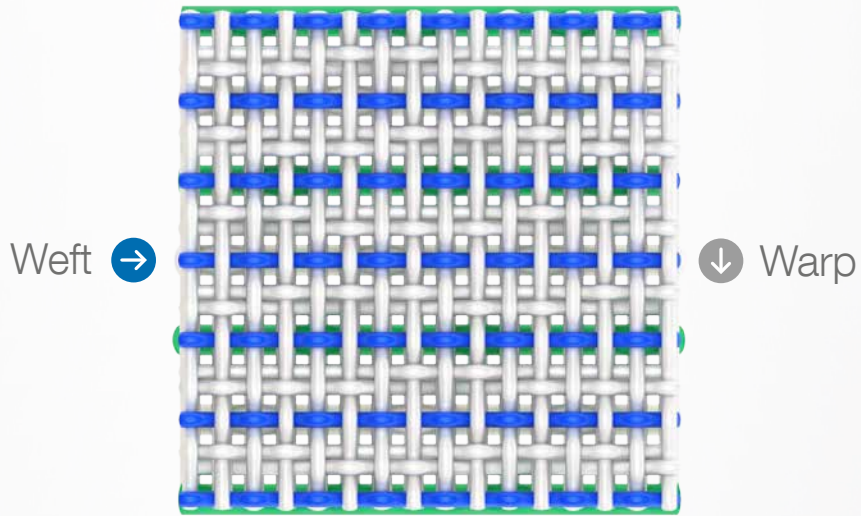
▲ Ratio 2:1

Characteristics

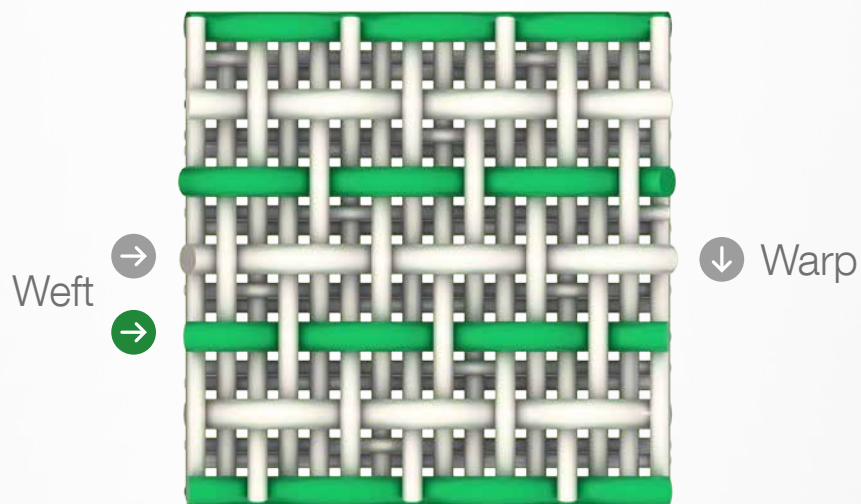
- Highest paper-side topography and fiber support
- Dimensionally stable structure on the machine-side



▲ Ratio 3:2



▲ Paper-side



▲ Machine-side

Paper-side

Progressively open and fine paper-side plain weave for the highest paper quality

Machine-side

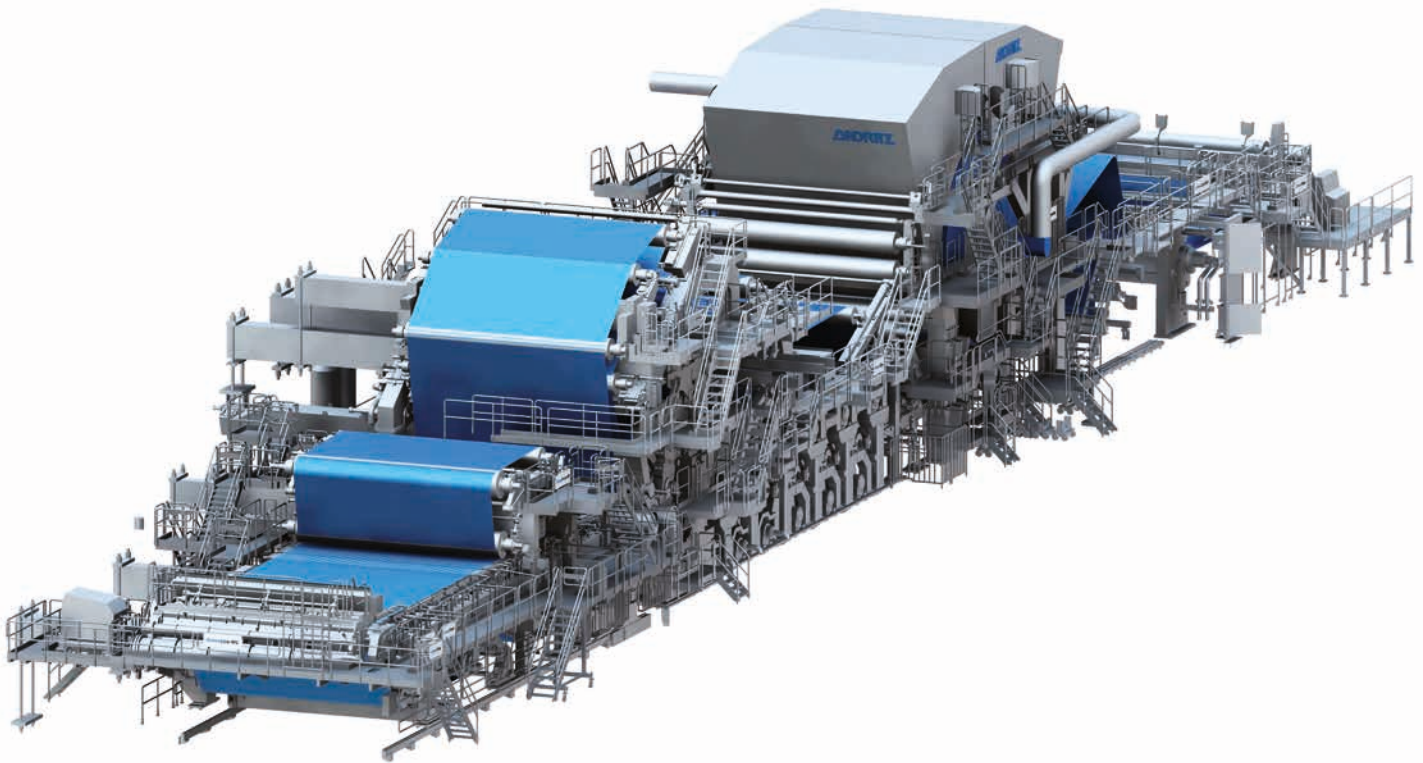
Adaptable fiber diameter for systematic and resource-saving machine downtimes

Advantages

- Very good runnability and printability
- Dimension stable structure
- Good lifetime potential

ANDRITZ

Take advantage of sound process know-how from a single source



Experienced in innovation

With more than 200 years of experience in paper manufacturing, our current products are perfectly tailored to ensure a positive and lasting impact on your process efficiency. All design innovations focus on quality, productivity and energy efficiency, regardless of the manufacturer and type of your paper machine.

WeValue PRIME

- Tailored fabric designs
- Highest reproducibility
- Very good runnability and printability
- Good lifetime potential
- Dimension stable structure

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