



PRESS RELEASE

ANDRITZ Screen Booster: upgrade solutions for improved screening performance

GRAZ, MAY 2, 2022. The **Screen Booster** modular upgrade solution from international technology group ANDRITZ for screens and screen baskets improves screening efficiency, saves energy, and reduces maintenance.

Screens and screen baskets are subject to considerable wear in paper production and require frequent maintenance. ANDRITZ now offers a modular upgrade that can significantly reduce operating costs through reduced fiber losses, less maintenance, improved screening efficiency, and lower energy consumption. The solution is available for most makes and models on the market and usually pays for itself within a few weeks.

The Screen Booster solution consists of four modules: bearing unit upgrades, dilution rotors, Bar-Tec UTwist baskets, and DRUM 400 series rotors. The upgrade modules can be used independently or in combination with one another.

Upgrading the **bearing unit** significantly increases the service life of the unit. Every unit is customized to fit the particular screen and specifically designed for high production rates, high top speeds, high motor load, and high temperatures. The new design also enables fast shaft removal, thus reducing downtime and maintenance costs.

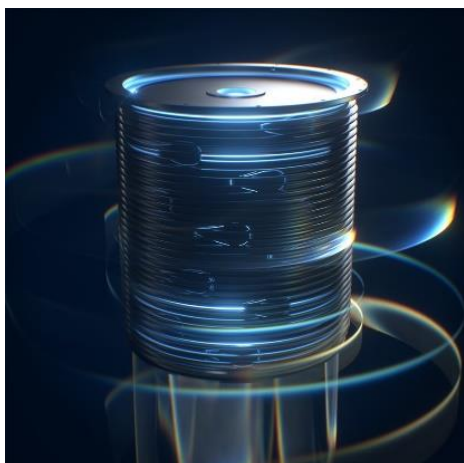
The **dilution upgrade** reduces reject thickening and protects the inside of the rotor against contaminants. This solution minimizes fiber losses, increases yield, and reduces maintenance costs. The upgrade is available for most common outflow screens.

The optimized **DRUM 400 Dolphin rotor** minimizes energy consumption, even at high consistencies. The foil shape ensures minimal flow restriction and creates an optimized pressure zone that provides effective flow distribution over the entire screen basket surface. The suction zone reduces the thickening effect, keeps the basket clean, and improves runnability.

The **screen basket upgrade** features a **Bar-Tec UTwist screen basket**, a slotted screen basket that allows the profile height to be adjusted from the feed to the outlet end of the basket without changing the slot width. The wire geometry has a positive effect on the screening efficiency, capacity, and flow properties.

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ANDRITZ Screen Booster



ANDRITZ Screen Booster cross-section

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FOR FURTHER INFORMATION, PLEASE CONTACT

Dr. Michael Buchbauer
Head of Corporate Communications
michael.buchbauer@andritz.com
andritz.com

ANDRITZ GROUP

International technology group ANDRITZ offers a broad portfolio of innovative plants, equipment, systems, services and digital solutions for a wide range of industries and end markets. ANDRITZ is a global market leader in all four of its business areas – Pulp & Paper, Metals, Hydro, and Separation. Technological leadership, global presence and sustainability are the cornerstones of the group's strategy, which is focused on long-term profitable growth. The publicly listed group has around 27,100 employees and over 280 locations in more than 40 countries.

ANDRITZ PULP & PAPER

ANDRITZ Pulp & Paper provides sustainable technology, automation, and service solutions for the production of all types of pulp, paper, board and tissue. The technologies and services focus on maximum utilization of raw materials, increased production efficiency, lower overall operating costs as well as innovative decarbonization strategies and autonomous plant operation. Boilers for power generation, flue gas cleaning systems, various nonwoven technologies, panelboard (MDF) production systems, as well as recycling and shredding solutions for numerous waste materials also form a part of this business area. State-of-the-art IIoT technologies as part of Metris digitalization solutions complete the comprehensive product offering.