



PRESS RELEASE

ANDRITZ introduces advanced filter press for high-performance tailings dewatering

GRAZ, SEPTEMBER 23, 2025. International technology group ANDRITZ has launched the MiningMaster ME4, an advanced filter press designed specifically for tailings dewatering in the mining and minerals industry. Building on the proven overhead filter press concept, the new system meets the industry's demands for higher throughput, shorter cycle times, and improved water recovery.

ANDRITZ filter presses have long been a key component in mining operations, particularly for tailings filtration to enable dry stacking and safe material disposal. Incorporating extensive customer feedback, the new MiningMaster ME4 has been engineered to handle higher volumes of mine residues while reducing residual moisture and maximizing process water recovery. This development underscores ANDRITZ's commitment to resource conservation and environmental protection in close collaboration with its customers.

"The MiningMaster ME4 represents a major leap forward in filtration performance," said Mario Gerards, Industry Director Minerals and Mining at ANDRITZ. "By combining mechanical innovation with intelligent automation, we are helping our customers set new benchmarks in efficiency, safety, and environmental responsibility."

The improvements include:

- **Extended filtration area:** The MiningMaster ME4 can accommodate larger filter plates of 2,500 x 2,600 mm and up to 240 chambers enabling filtration volumes of up to 60,000 liters per single machine.
- **Shorter cycle times:** The split beam design and a linked plate system allow for more filter plates to be discharged at the same time. In combination with an intelligent cloth washing feature, using high-pressure double cloth washing at 60 – 80 bar, cycle times are significantly reduced.
- **Improved handling of filter elements:** Design enhancements including optimized handling of filter plates and cloths through access from above enable quick filter cloth and plate changes.

These advancements, combined with superior wear resistance, make the MiningMaster ME4 the ideal solution for tailings dewatering in applications such as iron ore, copper, and aluminum processing. Its modular design offers operational flexibility and easy scaling to meet growing capacity needs.

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ANDRITZ filter press “MiningMaster ME4” for tailings applications

PRESS RELEASE AND IMAGE AVAILABLE FOR DOWNLOAD

The press release and image are available for download at andritz.com/news. The image may be published free of charge if the source is stated: “Image: ANDRITZ”.

FOR FURTHER INFORMATION, PLEASE CONTACT

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ANDRITZ GROUP

International technology group ANDRITZ provides advanced plants, equipment, services, and digital solutions for a wide range of industries, including pulp and paper, metals, hydropower, environmental, and others. Founded in 1852 and headquartered in Austria, the publicly listed group employs about 30,000 people at 280 locations in over 80 countries.

As a global leader in technology and innovation, ANDRITZ is committed to fostering progress that benefits customers, partners, employees, society, and the environment. The company's growth is driven by sustainable solutions enabling the green transition, advanced digitalization for highest industrial performance, and comprehensive services that maximize the value of customers' plants over their entire life cycle. ANDRITZ. FOR GROWTH THAT MATTERS.

ANDRITZ ENVIRONMENT & ENERGY

ANDRITZ Environment & Energy is committed to environmental responsibility and offers a broad range of technologies focusing on sustainable solutions for various industries. The extensive product portfolio includes technologies for the production of green hydrogen and renewable fuels, for carbon capture and emission reduction, mechanical and thermal solid/liquid separation, grinding, pelletizing, and for pumping fluids. Complemented by cutting-edge automation and digitalization as well as comprehensive services, they enable efficient and innovative solutions in processes such as water and wastewater management, recycling, waste/sludge-to-value, resource-saving battery-related mining, desalination, feed and food valorization, air emission reduction and P2X.