



## PRESS RELEASE

# ANDRITZ expands its range of C-Press screw presses for efficient dewatering

*GRAZ, NOVEMBER 22, 2022.* International technology group ANDRITZ has expanded its C-press screw presses product range to meet the dewatering needs of the wastewater or industrial treatment plants.

With its direct drive system and conical shaft with constant screw pitch, the C-Press screw press has now a feed capacity ranging from 1 to 95 m<sup>3</sup>/hr, with an outlet capacity from 20 to 1,300 kg DS/hr. In addition to a long lifecycle, the press also offers the advantages of easy operation, low maintenance, and – due to bi-sequential cleaning – 30% less water consumption than comparable equipment. Last but not least: the C-press complies with all regulations on such issues as safety, hygiene, and environmental protection.

The C-Press from ANDRITZ is a screw press providing state-of-the-art technology, high performance combined with compact design and featuring low operating costs in sludge dewatering processes. Furthermore, it offers simplified operation and processes free from contact with dewatered sludge, combined with low maintenance and energy consumption costs.

ANDRITZ product manager, Nicolas Perrier says: *“The screw dewatering technology is the best solution from low to high flow ranges, as it has an excellent performance in terms of cake dewatering and filtrate quality. Furthermore, it has a very low noise level and an extremely low operating cost, as it operates at extremely low speeds. Due to these features, the C-Press has much lower energy consumption than other technologies and results in very low maintenance costs, leading to a very long life of the equipment.”*

With a high-performance system, the C-Press maximizes the basket's open area, featuring high specific capacity and excellent capture rate, when compared to equivalent technologies. The screw speed is automatically adjusted, according to the input oscillation, ensuring a continuous flow with optimized performance in terms of drying and capture rate, even during the washing phases.

Nicolas Perrier concludes: *“The equipment offers low consumption of water for washing. We do not need to stop the sludge feed to carry out washings, so we operate continuously with greater productivity. In addition, the latest developed model, the C12060, with an average dry solids throughput from 420 to 1,300 kg/h – one of the highest capacities on the market – the machine is an alternative to other large technologies for sludge dewatering, such as large belt presses, which are more energy-intensive and more demanding in terms of maintenance. In any case, ANDRITZ has the widest range on the market to meet the separation needs of customers in the environmental sector”.*

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ANDRITZ Screw Press C-Press C12060

#### **PRESS RELEASE AND PHOTO AVAILABLE FOR DOWNLOAD**

Press release and photo are available for download at [andritz.com/news](https://andritz.com/news). The photo may be published free of charge if the source is stated: "Photo: ANDRITZ".

#### **FOR FURTHER INFORMATION, PLEASE CONTACT**

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#### **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 27,900 employees and over 280 locations in more than 40 countries.

#### **ANDRITZ SEPARATION**

ANDRITZ Separation provides mechanical and thermal technologies as well as services and the related automation solutions for solid/liquid separation, serving the chemical, environmental, food, and the mining and minerals industries. The customized, innovative solutions focus on minimizing the use of resources and achieving highest process efficiency, thus making a substantial contribution towards sustainable environmental protection. In addition, the business area offers technologies and services for the production of animal feed and biomass pellets.