



PRESS RELEASE

Metris addIQ RheoScan from ANDRITZ – automatic polymer dosage in sludge dewatering

GRAZ, MAY 2, 2022. International technology group ANDRITZ presents **Metris addIQ RheoScan** – the latest generation of its optical measurement system for automatic polymer dosage in sludge dewatering to increase process stability and reduce operating costs. It has now been installed for the first time in a deinking line.

Metris addIQ RheoScan measures the actual sludge conditions in the thickening and dewatering processes in real time with the aid of a smart camera system. The polymer dosage is adjusted as needed to match changing flow rates and sludge conditions – automatically and with the utmost precision. This makes almost fully autonomous operation possible around the clock.

Originally, this measurement and dosing system was developed for belt presses and gravity tables used to dewater municipal and industrial sludges. Now the first Metris addIQ RheoScan unit has been installed in a paper mill. The sludges remaining after a deinking process can barely be dewatered by mechanical means without adding flocculants, and the flocculent dosage has to be adjusted to suit varying sludge quality and volumes. If this is not done efficiently, flocculent is wasted.

At the LEIPA paper mill in Germany, Metris addIQ RheoScan is dewatering sludges with widely varying composition, consistency, and feed flow on a gravity table – with convincing results. Not only is the sludge consistency constant before feeding to the screw press, the goal of 10% flocculent savings was also met. As a result, the expected payback time has been reduced to less than two years.

– End –

ENGINEERED SUCCESS





Metris addIQ RheoScan – optical measurement system for automatic polymer dosage

PRESS RELEASE AND PHOTO AVAILABLE FOR DOWNLOAD

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

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.