



PRESS RELEASE

ANDRITZ successfully starts up a Universal Cross-Flow Shredder Bio-QZ at Holzhof, Switzerland

GRAZ, SEPTEMBER 16, 2019. International technology Group ANDRITZ has successfully completed the start-up of a Universal Cross-Flow Shredder Bio-QZ in the biogas plant of the Holzhof cheese factory in Bissegg, Switzerland.

The ANDRITZ Universal Cross-Flow Shredder Bio-QZ, type 1200, processes up to 20,000 tons of biomass per year consisting of biological waste from agricultural food and milk production. The cell structure of the substrates is broken up in order to maximize the contact surface for the fermentation bacteria, causing biogas formation to begin sooner and more intensively. The main advantage of the Bio-QZ is the special separation of organic components from other inorganic elements.

The new biogas plant with a capacity of 800 kW is operated in Switzerland as a model plant for biomass use. The plant at the Holzhof cheese factory is the first in Switzerland to be integrated into a farm with a cheese production plant attached. The resulting residual biomass is used to generate electricity for the farm itself as well as for another 1,500 households in the area.

The Holzhof cheese factory in Bissegg, Switzerland, is a family business in the fifth generation and processes up to 2.2 million liters of milk every year to make cheese.

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ENGINEERED SUCCESS





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ANDRITZ Universal Cross-Flow Shredder Bio-QZ
in the biogas plant of Holzhof cheese factory

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

ANDRITZ is an international technology group providing plants, systems, equipment, and services for various industries. The company is one of the technology and global market leaders in the hydropower business, the pulp and paper industry, the metal working and steel industries, and in solid/liquid separation in the municipal and industrial segments. Other important fields of business are animal feed and biomass pelleting, as well as automation, where ANDRITZ offers a wide range of innovative products and services in the IIoT (Industrial Internet of Things) sector under the brand name of Metris. In addition, the company is active in power generation (steam boiler plants, biomass power plants, recovery boilers, and gasification plants) and environmental technology (flue gas and exhaust gas cleaning plants) and offers equipment for the production of nonwovens, dissolving pulp, and panelboard, as well as recycling plants.

ANDRITZ stands for passion, partnership, perspectives and versatility – core values to which the company is committed. The listed Group is headquartered in Graz, Austria. With almost 170 years of experience, 29,600 employees, and more than 280 locations in over 40 countries worldwide, ANDRITZ is a reliable and competent partner and helps its customers to achieve their corporate and sustainability goals.

ANDRITZ RECYCLING

The ANDRITZ plant range offers recycling solutions for a wide variety of different applications: Electronic and electrical waste, refrigerators, cables and flexible wires, metals, end of life vehicle parts like oil filters, motor blocks and tires, household, industrial, organic and wood waste as well as rejects from the pulp and paper industry. The service offering includes system and machine modernization, rebuilds, spare and wear parts, on-site and workshop services, optimization of process performance, maintenance and automation solutions, as well as machine relocation and second-hand equipment.