



PRESS RELEASE

ANDRITZ successfully modernizes a refrigerator recycling plant at PRAKTIK system s. r. o., Czech Republic

GRAZ, MAY 15, 2019. International technology Group ANDRITZ has successfully modernized and started up a refrigerator recycling plant, including a Universal Cross-Flow Shredder QZ, at PRAKTIK system s.r.o in Stráž pod Ralskem, Czech Republic.

The well-proven Universal Cross-Flow Shredder QZ, type 2500, supplied by ANDRITZ is capable of processing up to 110 refrigerators per hour in a single-stage process. Unlike conventional cutting systems, the operating principle of the Cross-Flow Shredder QZ is based on rotating tools that break up the input material gently using the effects of impact forces. The components remain intact, preventing the uncontrolled escape of potentially harmful substances from the individual parts. The output fractions extracted, such as iron, non-ferrous metals and plastics, are returned to the industrial cycle.

With this new equipment, PRAKTIK not only complies with the most stringent WEEELABEX standards, but also achieves highest recovery rates for environmentally harmful greenhouse gases and pentane gas. The scope of delivery also included supply of the feeding technology, steel structures and control system, as well as supervision of installation, commissioning and start-up of the complete plant.

PRAKTIK system s.r.o., headquartered in Liberec, Czech Republic, will celebrate its 25th anniversary this year and can draw upon its long-term experience in processing and disposal of cooling appliances and other electronic and electrical equipment using environmentally friendly methods. The raw materials recovered are provided to producers in various industries throughout Europe, where PRAKTIK is especially known for its recycled plastics.

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Refrigerator recycling plant including the ANDRITZ Universal Cross-Flow Shredder QZ 2500.

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

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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, over 29,000 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.