



PRESS RELEASE

ANDRITZ launches new twin-screw extruder series for the pet food and aquafeed industries

ESBJERG, DENMARK, JANUARY 25, 2021. International technology group ANDRITZ presents two new twin-screw extruders for the pet food and aquafeed industries: the ExTS-616 operating in a volume range of 6-10 tons per hour (tph) and the ExTS-718 producing between 10-18 tph – each reflecting the very best innovations in extrusion technology. The new twin-screw series expands ANDRITZ's extrusion offerings, which are known throughout the industry for their quality.

ANDRITZ twin-screw extruders are the ideal solution for the extrusion of pet food with high inclusion rates of meat slurries and fresh meat as well as low-starch fish feed as they are perfectly suited to processing viscous, oily, sticky, or very wet products. They ensure full starch utilization, allowing for higher flexibility in the formulation and enabling a higher feed conversion ratio. Additionally, customers producing a variety of recipes or who have variations in raw materials will also benefit from twin-screw technology, as will anyone producing very small pellets (0.6 mm Ø) such as those extruded for aquafeed.

The equipment includes the feeding, kneading/mixing, and cooking zones utilized by single-screw extruders. However, ANDRITZ twin-screw extruders also have co-rotating, intermeshed, self-wiping screws, allowing for better process control where the output is not dependent on screw speed. The ANDRITZ twin-screw extruders also feature overload protection, a screw push-out system for quick changes in screw configuration, a force feeder guaranteeing a constant flow of raw materials to the extruder, and temperature-controlled barrels and variable screw configuration for better product control.

These new extruders are entirely compatible with the proven FLEXTEx technology from ANDRITZ for controlling the specific energy used by the process and with the expansion control system (ECS) for managing the expansion, density, and pellet properties of the aquafeed.

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ENGINEERED SUCCESS





PRESS RELEASE AND PHOTO AVAILABLE FOR DOWNLOAD

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FOR FURTHER INFORMATION, PLEASE CONTACT

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ANDRITZ GROUP

International technology group ANDRITZ offers a broad portfolio of innovative plants, equipment, systems and services for the pulp and paper industry, the hydropower sector, the metals processing and forming industry, pumps, solid/liquid separation in the municipal and industrial sectors, as well as animal feed and biomass pelleting. The global product and service portfolio is rounded off with plants for power generation, recycling, the production of nonwovens and panelboard, as well as automation and digital solutions offered under the brand name of Metris. The publicly listed group today has around 27,800 employees and more than 280 locations in over 40 countries.

ANDRITZ FEED AND BIOFUEL

ANDRITZ Feed and Biofuel is one of the world's leading suppliers of technology and services for the animal feed, aqua feed, pet food, and biofuel industries offering an extensive line of equipment for the production of high-quality feed and biomass products. We pair our equipment with our state-of-the-art automation solutions to ensure full process traceability. Decades of experience designing and building feed and biomass plants; including engineering, installation, start-up, and commissioning, as well as aftermarket parts and service have resulted in hundreds of successful feed and biomass plants all over the world.