PRESS INFORMATION

TECNARO GmbH with ips underwater and strand pelletizing systems

Fast change-over possibilities between plants

Niedernberg, 15.03.2021. TECNARO GmbH in Ilsfeld places its trust in pelletizing plants from the Lower Franconia- based ips Intelligent Pelletizing Solutions GmbH & Co. KG. The company which specialises in the production of bioplastic pellets has now commissioned both an ips-SG 220/2 strand pelletizing plant and the ips-UWG 75 S underwater pelletizing system.

TECNARO develops and produced bioplastics and biocomposits based on renewable raw materials for use around the world. For many years now, the company has catered to almost all markets such as the automobile, construction, solar, packaging, writing utensil, furniture, toy, household goods, musical instrument or fashion industries, with customer-specific solutions for industrial serial production.

For the expansion of its biopolymer production, TECNARO has now commissioned both a conventional strand pelletizer, the ips-SG 220/2, and an underwater pelletizing system, the ips-UWG 75 S, from ips Intelligent Pelletizing Solutions GmbH & Co. KG. “The innovative solutions and the realization of our individual requirements in terms of energy efficiency and sustainability, the huge flexibility and the fast and simple changeover between underwater und strand pelletizing, are what convinced us to choose ips,” explains TECNARO Managing Director, Jürgen Pfitzer.

The ips-UWG 75 S is particularly suitable for the production of spherical pellets from thermoplastics in raw material production, the masterbatch and compounding industries and for recycling plants. “ips offers not only the pelletizing unit but also the complete pelletizing system including the process water system," explains Simon Weis, Managing Director of ips.

Due to its modular design, the ips-UWG 75 S can be tailored specifically to the applications and requirements of the customer, from individual parts to the complete solution. “The customer gets our plant exactly as he needs it,” adds Simon Weis. Thus the ips-UWG 75 S for TECHNARO GmbH was specially adapted to provide particularly gentle and efficient processing of the sustainable raw materials.

This included, for example, a high throughput level of up to 700 kg/h, with small and compact construction of the pelletizing unit. Thanks to the specially-adapted perforated plate, even

bioplastics reinforced with natural fibres from the ARBOFORM® product range can be pelletized in a way which is gentle on the fibres. A frequency-controlled process water pump allows energy-efficient setting of the volumes of process water, regardless of the product, via the control panel. Control of the process water temperature ensues by means of a screwed-in plate heat exchanger which requires only a few litres of cooling water per minute.

With its underwater pelletizing system, ips has catered fully to our high requirements for a production plant which is both energy-efficient and flexible," declares TECNARO Managing Director Jürgen Pfitzer.

TECNARO managing director Jürgen Pfitzer (left) and Simon Weis, ips managing director during the commissioning of the new underwater pelletizing system ips-UWG 75 S.

About ips Intelligent Pelletizing Solutions GmbH & Co. KG

ips Intelligent Pelletizing Solutions GmbH & Co. KG from Niedernberg near Aschaffenburg has been supplying innovative system solutions for the polymer, compounding, masterbatch and recycling industry for more than 20 years. It is one of the few companies to manufacture both strand pelletizing systems as well as underwater pelletizing systems. In 2020, these were joined by complete systems for the production of long-fibre reinforced thermoplastics using the pultrusion method. The owner-managed company has put more than 1,200 machines and systems into operation the world over.

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