

Press Release

Maag at Chinaplas 2018

Oberglatt, Switzerland, March 8, 2018 – Recently developed and advanced pelletizers for the plastic processing industry / first joint appearance with Ettlinger

For Chinaplas 2018, April 24 - 27 in Shanghai, Maag, a leading global manufacturer of gear pumps, pelletizing and filtration systems as well as pulverizers for challenging applications, is highlighting pelletizing systems for plastic producers, compounders and recyclers. Chinaplas is also Maag's first joint appearance with Ettlinger, a manufacturer of high-performance melt filters for recycling applications belongs to Maag since the beginning of the year.

The pelletizing systems presented at booth P38 in hall 2 – with the largest area ever for Maag at a trade fair in China – focus on the ZHULI[®], PEARLO[®], BAOLI[®] and M-USG series.

- Maag's ZHULI[®] underwater pelletizing system was expanded with the new ZHULI[®]MAP, building upon the ZHULI[®]SLC (SLC stands for Spring Loaded Cutters) which was introduced in 2017 and is the cost-effective basic system for numerous standard applications with low to medium throughput. While the knives in the SLC type are pressed against the die with a permanently selected spring pressure, the pressure of the knives against the die in the new MAP type (Manual Adjustable Pelletizer) is variably adjustable. This option significantly extends the application range by making it possible to adapt to the relevant process parameters. All key components are manufactured in the USA and Germany, as they are for the entire ZHULI[®] product family.
- PEARLO[®] is the high-performance underwater pelletizing system from Maag for making spherical pellets. It combines technologies from the previously independent companies Gala and Automatik for efficient and flexible use in challenging applications with throughput of up to 36,000 kg/h. Compact and modularly designed, it requires only a very small footprint in production. Electronically controlled EAC technology guarantees precise feed of the pelletizing knives during operation, thereby ensuring long runtimes free of interruptions with consistently high pellet quality.
- BAOLI[®] dry-cut pelletizers from Maag for compounding and recycling hard and soft materials are available at Chinaplas in the 3rd, completely revised generation. With working widths up to 300 mm, they are designed for processing up to 75 polymer strands into cylindrical pellets from 1.5 mm to 5 mm in length. Their advantages compared to previously available versions include the more compact design and good accessibility for cleaning as well as variable height adjustment and control elements optionally positioned on the left or right side for added operational flexibility. The key components of BAOLI[®] systems are manufactured in Germany and all versions meet the requirements of applicable safety standards in Germany. Noise emission, which is already reduced, can be further diminished with the optionally available sound insulating hood.
- The M-USG underwater strand pelletizers are the flagship of Maag pelletizers and the market leading systems worldwide for making raw plastic materials such as PET, PA and PC. With throughput of up to 20,000 kg/h, they stand for outstanding, consistent pellet quality, high system availability due to the quick-change cutting head, a

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high level of automation, long service life of the extremely wear-resistant cutting tools and excellent accessibility for convenient operation and maintenance.

For the first time under the Maag umbrella, Ettlinger is presenting the performance-enhanced melt filter type ERF350 at Chinaplas, just recently introduced to the market at the end of 2017. It reliably filters plastic melts with impurities and separates foreign materials such as paper, aluminum, wood, elastomers or plastics which fuse at a higher temperature with impurity levels up to 18 % – all with extremely low melt losses. Designed for especially high efficiency, it achieves a maximum throughput of 3800 kg/h, depending on the type of melt and degree of impurities as well as the selected filtration rating. It is suitable for all commonly used polyolefins and polystyrenes as well as a large number of technical plastics such as styrene copolymers, TPE and TPU.

For further information about Maag and the company's products please visit maag.com.

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Photo: Maag M-USG Underwater Strand Pelletizer



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About Maag:

Maag is the worldwide leading manufacturer of gear pumps, pelletizing systems, filtration systems and pulverizers for demanding applications in the plastics, chemical, petrochemical, pharma and food industries. Maag develops, manufactures, and distributes innovative, customized solutions for complete pump and pelletizing systems – with the expertise based on its long-term industrial tradition since 1910.

Maag is known worldwide as a pioneer and technology leader in the development and manufacturing of gear pumps and system solutions tailored to meet the needs of individual customers. For decades the company has stood for innovative pelletizing systems of the highest quality. In 2018-Ettlinger Kunststoffmaschinen GmbH has joined the Maag family, thereby extending the product portfolio to include high performance melt filters and injection molding machines.

Maag manufactures in Switzerland, Germany, Italy, USA and China, with additional sales offices in France, Singapore, Taiwan, Malaysia, India, Thailand and Brazil and employs more than 1000 staff. It is represented in the markets with its

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brands „Maag Pump & Filtration Systems“, „Automatik Scheer Strand Pelletizers“, „Gala Automatik Underwater Pelletizers“ and „Reduction Pulverizing Systems“.