

Press Release

Focus on sustainable technologies for recycling and the circular economy

Oberglatt, Switzerland, September 6, 2022 – From solutions for mechanical and chemical recycling, to energy and resource efficiency, optimized machinery for manufacturing, processing and conditioning plastics. At K-2022, in hall 9, on booth A02, the MAAG Group will be presenting its latest innovations in integrated solutions for the plastics industry.

Leading recycling solutions

At the heart of our mechanical recycling portfolio is the high-performance melt filter from Ettliger. The continuous-operation machines are specially designed for highly contaminated post-consumer recycling applications. The **ERF** and **ECO** series can deliver throughputs of up to 10 t/h depending on the application.

The newly developed **extrex⁶** recycling pump ensures reliable extrusion in the recycling process. The **extrex⁶** features an optimized geometry that, in many cases, eliminates the need for an upstream protective filter, saving space and reducing the energy required for heating and drive power. Like all MAAG pumps, **extrex⁶** is designed to meet the high demands of everyday operation.

PEARLO underwater pelletizers guarantee high-quality spherical pellets. The newly developed **PEARLO XXL**, with over 40 t/h capacity, marks the launch of the next generation of process-optimized machines. Its high level of automation enables start-up and shut-down at the push of a button. With its optimized cutting tools users can expect maximized production times and minimized downtime and waste.

Pellet drying has also been optimized with the new **eXso 320+**. With its compact space-saving design, it achieves significantly higher outputs of up to 8,200 kg/h with a smaller footprint. Fewer

wear parts mean less downtime and necessary stocking levels. **eXso 320+** is designed to be used in a wide range of pelletizing applications.

Top-quality machines for virgin polymers

The **AMN precision die plates** for underwater pelletizers are designed to meet the needs of polyolefin production, ensuring long service life and easy maintenance. Throughputs greater than 40 t/h can be achieved using the AMN die plates and the newly designed **PEARLO XXL**.

Another new product that MAAG will be presenting at K-2022 is the **ContiNeo** filter. **ContiNeo** combines the advantages of a single-bolt screen changer with those of a continuous dual-piston screen changer with backflush functionality. **ContiNeo** is ideal for extrusion processes requiring low pressure fluctuations and fully automatic operation in a small space.

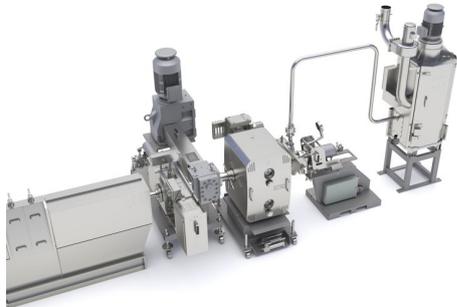
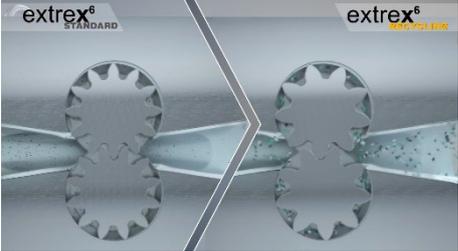
Flexible pelletizing for compounding and master batch applications

The **EBG** semi-automatic single-belt pelletizing system is designed for compounding water-sensitive, highly filled and/or brittle products. The tested and proven **PRIMO S** dry-cut pelletizer has been upgraded and is now quieter in addition to offering maximum efficiency and flexibility. The **JSG** pelletizing system will also be on show at K-2022. The fully automatic system is suitable for compounding applications up to 9 t/h. Flexible cooling lengths allow processing of a wide range of materials, and broken strands are automatically rethreaded.

Service and after-sales based on personal commitment and know-how

Service from MAAG means: Support around the clock, worldwide, in person or remotely. In addition to MAAG Group service and support, customers can find information and sign up to the recently launched "myMAAG" e-shop, which offers custom and plant-specific spares and consumable parts at the click of a mouse, any time 24/7.

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<p>Pictures 1</p>		<p>MAAG Group recycling system</p>
<p>2</p>		<p>ERF, high-performance melt filters remove impurities and contaminants from the recycling melt stream</p>
<p>3</p>		<p>Comparison of extrex⁶ standard pump and extrex⁶ recycling pump: MAAG's melt pump has been specially upgraded for processes dealing with higher contamination levels and larger particles on the recycling market.</p>

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About the MAAG Group

The MAAG Group is a broadly diversified global solutions provider with integrated and customizable systems in process technology for the polymer, chemical and petrochemical industries. Its Pump & Filtration Systems, Pelletizing & Pulverizing Systems, Recycling Systems and Digitalization divisions consolidate the many years of experience and in-depth know-how of the AMN, AUTOMATIK, ETTLINGER, GALA, MAAG, REDUCTION, SCHEER and XANTEC product brands. The MAAG Group currently employs over 1,250 people at production sites in Switzerland, Germany, Italy, the USA, and China. Additional sales and service centers in France, Taiwan, Malaysia, India, Thailand and Brazil ensure close attention to customers' needs. For more information visit www.maag.com.

The MAAG Group is a business unit of Pumps & Process Solutions, a segment of the Dover Corporation.