

## **Individualized melt pumps and melt filtration systems as well as pelletizing equipment to be presented at Chinaplas**

**Oberglatt, Switzerland, April 2, 2015** – The Maag brands “Maag Pump Systems” and “Automatik Pelletizing Systems” will show a special design of its SPHERO® underwater pelletizing system as well as its successful BAOLI and BAOMO dry cut strand pelletizer in booth M01, hall 5.1 at this year’s Chinaplas in Guangzhou, China.

### **One complete system: pump – melt filtration – pelletizing – a one-stop shop**

The extrex® 90 extrusion pump from Maag Pump Systems is shown feeding melt to the SPHERO® S. The proven gear and bearing technology of the extrex® series combines high efficiency with minimized energy consumption. Optimized flow channels, very good self-cleaning properties and a long service life are the hallmarks of the pump. Also part of the system is the CSC 116-RS screen changer with arched screen cavities.

The newly-designed underwater pelletizing system SPHERO® S incorporates a variety of feature upgrades, making it ideally suited for Masterbatch and Recycling applications with medium throughputs, typically between 700 and 3000 kg/h.

Improvements include a new frame that allows the SPHERO® S to be mounted on a single mobile structure guarantees a perfect alignment, and a reduced footprint. Special attention has been given to the design of the cutter head to facilitate start-up and to ensure less agglomeration and production of evenly shaped pellets.

### **The BAOLI and BAOMO strand pelletizers – proven Maag-Automatik solutions at a modest price**

The well-proven BAOLI line of dry-cut strand pelletizers is tailor-made for the Chinese market. The machines are manufactured in Maag-Automatik’s local facility using its renowned German technology and the expertise that comes with being the world’s leading supplier of pelletizing machinery. The BAOLI series is available in three basic machine sizes with operating widths of 100 mm, 200 mm and 300 mm. The uncompromising quality standard of the BAOLI pelletizers combines excellent value with very low operating costs.

The BAOMO series, also manufactured in our facility in China with key components coming from Germany, provides simple access for cleaning and maintenance through the use of cantilevered bearings. The strand pelletizer is ideally engineered for small batch operations, as is commonly required for Masterbatch or laboratory applications.

### **Gear Pump and Screen Changer for superb product qualities**

Another highlight at the Maag booth is a highly efficient gear pump and filtration system which is an ideal solution for extrusion, compounding and recycling applications. The melt pump from the proven extrex® series gently generates the required pressure for downstream processing with maximum energy efficiency, while at the same time enormously reducing the burden on the upstream extruder by smoothing or completely eliminating pulsations and pressure surges. This not only extends the operating life of the extruder and increases productivity but also, thanks to the reduced melt temperature, improves product quality. The in general flow channel optimized flat slide screen changer, in addition, ensures that the end product is free of impurities and degenerated plastic particles, thus likewise providing superb product quality while also protecting downstream processing equipment.

### **Extended EA pump program**

Maag's extrex® EA is a localized extrusion pump covering most extrusion applications. Assembled in Maag's cutting-edge facility in Lingang near Shanghai, the pump also integrates key components, such as gears and bearings made in Maag's European facilities to guarantee that the quality standards that distinguish Maag's services and products outside Asia will also remain in force in China and the region. Maag is now extending the successful EA pump program with the sizes extrex® 36-EA and extrex® 110-EA further completing the available EA pump portfolio. Depending on the processed material, the extended EA pump program covers now a throughput range of up to 4'200 kg/hr.

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Photo: Maag Automatik system



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**About Maag:**

*Maag is the worldwide leading manufacturer of gear pumps, pelletizing systems, and filtration systems for demanding applications in the plastics, chemical, petrochemical, 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 Automatik has been manufacturing innovative pelletizing systems of the highest quality for several decades. It is the world leader in underwater strand pelletizing systems. That leadership position is founded on state-of-the-art technology and on comprehensive know-how in all pelletizing techniques and pellet forms. The company's longstanding tradition in development, production and global sales and distribution is complemented by comprehensive advice and service backup. Automatik Plastics Machinery is a subsidiary of Maag.*

*The whole company employs more than 500 staff at its headquarters in Switzerland and its production sites and sales offices in Germany, France, Italy, Singapore, Taiwan, Malaysia, China, Brazil, and the USA and is represented in the markets with its brands "Maag Pump Systems" and "Automatik Pelletizing Systems". Maag, a Dover Corporation Company (NYSE:DOV), is a business unit of Dover Fluids.*