

Press Release

Complete system capabilities to be presented at NPE

Oberglatt, Switzerland, February 10, 2015 – The Maag brands “Maag Pump Systems” and “Automatik Pelletizing Systems” will show an extrex® 90 extrusion pump as well as the CSC 116-RS arched screen changer at its booth W5945 at this year’s NPE show in Orlando, Florida. Additionally the company will show its PRIMO 200E dry-cut cantilever design strand pelletizer and extrex® GPD twin outlet gear pump that is capable of feeding constant-pressure melt to two different nozzle blocks.

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 cavities. The use of arched screens allows the screen surface area to be enlarged up to 4 times compared with conventional designs. The use of a CSC 116-RS enables operators to keep their production rates at a consistently high level while at the same time significantly reducing energy consumption and operating costs.

An extrex® 90 extrusion pump, CSC 116-RS arched screen changer, and newly-designed SPHERO® S underwater pelletizer system form a complete system for polymer production. The system evinces improved energy efficiency, great reliability and high productivity, and every individual system component is designed with compactness and ease of operation in mind.

The PRIMO 200E from Automatik Pelletizing Systems is particularly well suited to the compounding of thermoplastic masterbatches up to 1.5 t/h throughput. The PRIMO 200E is a single-side mounted dry-cut strand pelletizer with an extra-large cutting width of 200 mm. Its unique cutting geometry - with the shortest, unguided length between the feed rollers and cut - permits optimal straight cutting of both hard, abrasive and very soft, flexible plastic strands. The pellet dimensions can be changed very quickly thanks to an optional

Press Release

automatic pellet length adjustment system. Automatik builds the PRIMO 200E to be absolutely reliable, robust and versatile.

Maag Pump Systems' extrex® GPD twin outlet gear pump is unique in that it can supply two different nozzle blocks with an individual and constant melt stream. Specific output and die pressure is guaranteed by the design but the true innovation lies in the ability to vary the throughput between the lines such that operators of extrusion lines can feed two separate nozzles with different throughput and pressure demands from a single extruder/pump combination.

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Photo: Maag Automatik's strand pelletizer Primo200E



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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.