

Press Release

Maag concentrates European Sales and Service activities for Reduction Pulverizing Systems in Grossostheim, Germany

Grossostheim, Germany, August 23, 2016 – With the acquisition of the American company Reduction Engineering Scheer Inc. in Kent, Ohio in October 2015 by Maag Pump Systems AG, the Swiss company has added pulverizers to the product portfolio of the Maag group of companies. Until now that included melt pumps, melt filtration systems and pelletizing technology (strand and underwater pelletizing).

Pulverizers are used to produce powder from plastic pellets or regrind material, usually polyethylene (LLDPE or LDPE), in some cases also PP, PVC or ABS. The powders are mainly used to manufacture large hollow parts with rotational molding, for example water tanks and storage containers, but also sports equipment and toys.

Sales and Service activities now in Grossostheim, Germany

While sales and service activities have been coordinated through Reduction Engineering Scheer GmbH in Korntal-Münchingen in the past, a new dedicated group for market development in Europe has been founded at the Grossostheim site and has taken on this task as of July 1, 2016. Along with additional sales employees to support prospective customers and process requests, the new group will ensure improved support when helping existing customers with technical problems through specially trained contacts and a supply of spare parts from local stock. "By focusing our activities on pulverizers as a product with a different market approach we have created the best possible conditions for supporting our customer at the Grossostheim site. Our network of branch offices and representatives of the Maag Group in Europe enable us to develop the respective markets more intensively and provide premium service and availability to our customers," notes Alexander Datzinger, Business Development Manager Pulverizer at Maag Automatik GmbH.

At the same time a special testing room for pulverizers was set up in the Technical Center in Grossostheim, fitted with two machines of different sizes. A lab pulverizer type RE 25 AC can be used for basic tests or to produce small sample quantities with little effort. A pulverizing system type RE 85XLP can be used to conduct tests under production conditions. Different geometries of the patented Disposable Discs and screen inserts with matching mesh sizes allow for fast and easy configuration based on the relevant customer requirements. Depending on the material

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properties and desired particle size distribution, throughputs of up to 400 kg/h can be achieved. This is sufficient to ensure meaningful results and is also an indication of expected throughputs for larger systems in the pulverizer product portfolio.

By integrating employees across department boundaries into the already existing test and lab infrastructure at the Maag Automatik GmbH site, the company benefits from the many years of experience of these employees in processing polymers (photo). In this way professional preparation, implementation and documentation can be offered to prospective customers.

Using test methods that extend beyond standard measurements on the finished product (grain size distribution, bulk density and flow properties of the powder produced), important information about material properties can be obtained even before the actual trial run is conducted and the appropriate machine configuration can be derived from these results. One of these methods is to analyze the material that has been made available more accurately using differential scanning calorimetry (DSC). When processing recycled material or non-homogeneous re-grind it is also possible to determine the melt index precisely by means of an MFI measurement.

Reduction Pulverizing Systems at the K 2016

A cross-section of the current pulverizer machine portfolio will be presented at the Maag Automatik GmbH stand at K 2016 (hall 9 stand E37). The exhibit centers around the concept of a new machine size with the system specially designed for maximum maintenance ease, best accessibility and cleanability.

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Photo: In July 2016 Maag Automatik GmbH in Grossostheim opened an application technology department for pulverizing plastics.

l. to r. Alexander Datzinger, Business Development Manager Pulverizer, Hans-Walter Hefner, Manager of the Maag-Automatik Technical Center, Frank Glöckner, Manager of Process Technology and Maximilian Höfling, Technical Support for pulverizers.

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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, 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 around the globe as a pioneer and technology leader in the development and manufacture of gear pumps and complete system solutions tailored to customer needs. The company has for decades been renowned for the quality and innovative technology of its pelletizing solutions. Gala Industries as well as Reduction Engineering Scheer recently joined the Maag family and extend the product portfolio with pulverizers and additional pelletizing systems.

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 brands „Maag Pump & Filtration Systems“, „Automatik Scheer Strand Pelletizers“, „Gala Automatik Underwater Pelletizers“ and „Reduction Pulverizing Systems“. Maag, a Dover Corporation Company (NYSE:DOV), is a business unit of Dover Fluids.