

Pressemitteilung / Press Release

A revolution in gear pump technology

Oberglatt, Switzerland, October 16, 2019 – MAAG Group, a worldwide leading manufacturer of gear pumps, pelletizing systems, filtration systems and pulverizers for use in the plastics, chemical and pharmaceutical industry and in the food sector provides information about its experiences and the latest developments of the x⁶ class gear pump.

No generation of pumps has ever been as efficient as the x⁶ class from the MAAG Group. The module-based extrex⁶ class features an impressively wide application range and different pressure stages. More than 900 extrex⁶ class gear pumps are now in use in a wide range of different applications with our customers around the world.

The new extrex⁶ class features the following advantages compared to conventional gear pumps:

- 10% more pumping volume or 28% higher pressure
- 15% larger application range
- 12% less energy requirement
- 25% more pressure holding in the shaft packing

The advantages of the improved pump geometry may be reflected very differently depending on the specific customer application.

The following advantages apply to production plants:

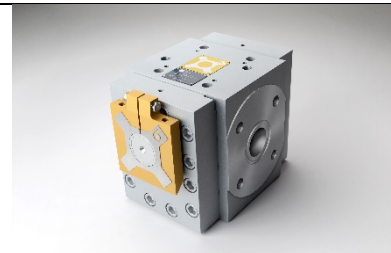
- Operating window of the plant is expanded
- Improved product quality
- Operating costs can be lowered (energy)

With the improved pressure build-up response, finer filters can be used in the production line, for example. The higher volumetric efficiency and fewer pulsations guarantee even more constant quality and more uniform output of the end product. Overall product quality is further improved.

Thanks to the expanded processing application range of the new generation of gear pumps from the MAAG Group, manufacturers can further diversify their product range. A single pump is able to process polymers over a wider range of viscosities. The change times between the different product classes are further minimized.

Maag also offers alternative housing designs for its extrex⁶ gear pumps with matching interfaces for older pump generations. This reduces installation costs to a minimum.

Manfred Waeckerlin, Director Pumps: "The new generation of gear pumps from the MAAG Group is expanding application ranges for customers. Thanks to the enormous improvement of the volumetric efficiency, the new pump also works at higher speeds without higher temperature input into the product. The pressure build-up capacity of the pump was also significantly increased at lower speeds, thereby expanding the window from the minimum to the maximum pumping rate. This makes it possible for our customers to adjust their output exactly to their requirements. Thus the extrex⁶ class clearly sets a new standard for gear pumps."

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Pictures		extrex ⁶ gear pump from the MAAG Group

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Informationen zur MAAG Group

Die MAAG Group ist ein global agierender und breit diversifizierter Lösungsanbieter mit integrierten und kundenspezifisch anpassbaren Systemen in der Prozesstechnologie für die Polymer-, Chemie-, Petrochemie-, Pharma- und Lebensmittelindustrie. In den Kompetenzbereichen Pump & Filtration Systems, Pelletizing Systems, Pulverizing Systems und Recycling Systems sind die langjährige Erfahrung und das tiefe Wissen der Produktmarken AUTOMATIK, ETTLINGER, MAAG, GALA, REDUCTION und SCHEER vereint. Die MAAG Group beschäftigt heute über 1.000 Mitarbeiter an Produktionsstätten in der Schweiz, Deutschland, Italien, den USA und China. Zusätzliche Vertriebs- und Serviceniederlassungen in Frankreich, Singapur, Taiwan, Malaysia, Indien, Thailand und Brasilien erhöhen die Kundennähe. Mehr Informationen auf www.MAAG.com.

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