

**More productivity and better results in quality-intensive recycling applications**

### **EREMA's continuous high-performance filter with 50 percent more screen surface area**

**Proven thousands of times over and now even more powerful with 50 percent larger screen surface area compared to the previous model. That is what highlights the new EREMA 2/406 laserfilter, which POWERFIL, a business unit of recycling machine manufacturer EREMA GmbH, is presenting today at the Plastics Recycling Show Europe in Amsterdam.**

Ansfelden, 22. June 2022 - "For applications with a focus on melt quality and filtration fineness, this increase in screen area ensures lower pressure and temperature at the same throughput rate, allowing even finer screens to be used for even better results in quality-intensive plastics applications," explains Robert Obermayr, Head of Business Unit POWERFIL, EREMA GmbH. If the throughput capacity of the recycling plant needs to be increased, a significantly higher rate of plastic melt can be filtered while maintaining the other parameters thanks to the larger surface area of the screen. Up to 9,000 kilogrammes of melt can be filtered per hour with the Quattro version of the new LF 406 laserfilter.

"Plastic recycling has become a must-have, even for input streams with higher levels of contamination. Efficient filtration systems are therefore indispensable for achieving the specified melt quality using existing extrusion systems," says Obermayr. That is why POWERFIL also offers the proven EREMA melt filters as individual components for existing EREMA machines and third-party extrusion systems. The product range includes the SW RTF partial area backflush system and the laserfilter. The range is aimed at manufacturers as well as recyclers, because the high-performance filters can be used to process post consumer plastics as well as post industrial films with paper labels and clean PET material. Both types of filter are particularly easy to integrate into an existing recycling plant and both are available in numerous sizes and variations. Whether the customer uses the robust backflush filter or the continuous high-performance laserfilter depends on the throughput and level of contamination of the material. The Laserfilter is ideal for heavy contamination. It handles impurity levels up to 5 percent and filtration as fine as 70 µm while continuously cleaning the screen with a scraper.

POWERFIL will also present the new 2/406 laserfilter and the full range of filters at the K 2022 trade fair stand for the EREMA Group.



The new 2/406 laserfilter (Photo: EREMA) Robert Obermayr, Head of Business Unit POWERFIL (Photo: EREMA)

## K 2022, 19 to 26 October 2022 in Düsseldorf, Germany

Visit the EREMA Group in Hall 09, Stand 9C09, and the EREMA Circonomic Center for live recycling demonstrations in the outdoor area, Stand FG-CE03



## EREMA Engineering Recycling Maschinen und Anlagen GmbH

POWERFIL is a business unit of EREMA Engineering Recycling Maschinen und Anlagen GmbH. Since its founding in 1983, the company has specialised in the development and production of plastics recycling systems and technologies for the plastics processing industry and is regarded as the global market and innovation leader in these sectors. EREMA is part of the Austrian group of companies EREMA Group GmbH based in Ansfelden/Linz, which employs around 840 people worldwide.

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