

Premiere at Fakuma: EREMA founds POWERFIL business unit

With the founding of the POWERFIL business unit, EREMA, the manufacturer of plastics recycling systems, once again extends its portfolio and now also offers the proven melt filter as individual components for existing extrusion plants. Technical modifications were made to the filter systems prior to the foundation of the business unit and visitors at the Fakuma trade fair will be able to see them from 17 to 21 October on the EREMA stand, Hall A6 Stand no. 6314.

Ansfelden, 26 July 2017 – In line with the motto "Plug in Performance" the new business unit POWERFIL offers both the SW RTF partial surface backflush filter system and the Laserfilter as individual components from now on. Potential users can upgrade their existing extrusion plant from alternative suppliers by adding one of the proven EREMA melt filters. "With the new POWERFIL portfolio we aim to show even more clearly that our filter systems represent a high-performance solution also for third-party extrusion systems – although the technology used is not new, but has already been tried and tested thousands of times. EREMA filters are in use on over 5,000 plastics recycling systems around the world. Customers who count on our melt filter can rely on EREMA quality", says Manfred Hackl, CEO EREMA Group.

Besides fast availability, customers will above all appreciate the filtering quality and the quick amortisation which comes with it," says Robert Obermayr, head of the new business unit POWERFIL. "In recent years the growing recycling market and the noticeable parallel increase in more heavily contaminated input materials have led to a growth in the demand for efficient filtration systems – also in the case of existing extruders. We can meet this demand with POWERFIL and offer – especially with the Laserfilter – a functional concept which unites high quality requirements and stable, inexpensive operating costs.

EREMA Laserfilter for PET

With the EREMA Laserfilter, a continuous filter system with screen fineness of 70µm is now in operation for the first time. An even gentler filtration process has been made possible by rheological optimisation of the support breaker plate, enabling a reduction of flow resistance. Inquiries for the Laserfilter, which is already established in the post-consumer field, are also increasing from customers in the PET sector. The reason for this is that the increased use of rPET in end products requires high process stability despite higher degrees of contamination at times. The Laserfilter processes input material with a degree of contamination of over one per cent without any difficulty. The functional principle avoids dead spaces and makes for short dwell times which in turn prevents "black spots" with PET. Thanks to the newly developed discharge unit, melt losses are reduced from the normal 1 to 2 per cent with piston filters down to a tenth. "At EREMA it has always been clear: melt filters are a decisive component in reaching top standard material quality. With POWERFIL, recyclers and producers can benefit from EREMA's 30 years of development work and upgrade their existing extrusion unit quickly and easily," says Robert Obermayr, outlining the advantages. The new business unit will be launched on the EREMA stand at the Fakuma show in Friedrichshafen, Germany: Hall A6, Booth 6314.

Premiere at Fakuma: EREMA founds POWERFIL business unit



Fig. 1: Robert Obermayr, head of the new business unit POWERFIL, next to a Laserfilter in the EREMA assembly building. Photocredit: EREMA



Fig. 2: The EREMA Laserfilter: its innovative scraper technology enables the highest throughputs with remarkable melt quality. Photocredit: EREMA

EREMA Group

Besides EREMA itself, the EREMA Group comprises 3S, PURE LOOP (January 2015) and UMAC (beginning of 2016). With EREMA subsidiaries in the USA, China and Russia plus around 50 representatives in all five continents, the EREMA Group has a reliable network to realise customised recycling solutions for international customers. Around 500 people around the world now work for the Austrian company group which is headquartered in Ansfelden near Linz.

For further information please contact

Anja Berndorfer

Corporate Communication

EREMA Group

Unterfeldstraße 3

4052 Ansfelden, AUSTRIA

Phone: +43 (0)732 3190-315

Email: public.relations@erema-group.com