

**FAKUMA, 14-18 October 2014, Friedrichshafen:  
New dimensions in plastics processing with INTAREMA<sup>®</sup>**

The focus of EREMA, the global market leader in plastic recycling systems, at FAKUMA 2014 (Hall 6, Stand A6-6314) will be on the new plant generation INTAREMA<sup>®</sup>. The system is based on the newly developed and globally patented Counter Current technology and brings together in an unparalleled way top productivity, flexibility and extremely easy operation with considerably lower energy consumption. "The new INTAREMA<sup>®</sup> system has been extremely well received in the marketplace and initial sales have been highly encouraging," reports CEO Manfred Hackl. EREMA's Laserfilter technology – which has likewise been enhanced – for the processing of highly contaminated materials will also be presented at the show.

The combination of INTAREMA<sup>®</sup> and Laserfilter technology is particularly suitable for the processing of regrind for injection moulding applications (among other things). Tools optimised for this application type are used to optimally prepare the thick-walled regrind materials for the extrusion process in the cutter/compactor of the INTAREMA<sup>®</sup> systems. In the next step Counter Current technology ensures that the single screw is filled virtually pressure-free with perfectly dried and homogeneously preheated material. This is why the melting process takes place with minimum shear strain and thus increases filtration efficiency. In the enhanced EREMA Laserfilter with new scraper geometry and optimised, directly connected discharge system the plastic melt is then cleaned efficiently with a thickening of 45%. Further benefits of the new scraper geometry include the prolonged screen service life and reduced labour requirements thanks to long screen change intervals.

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**Photos/text:**

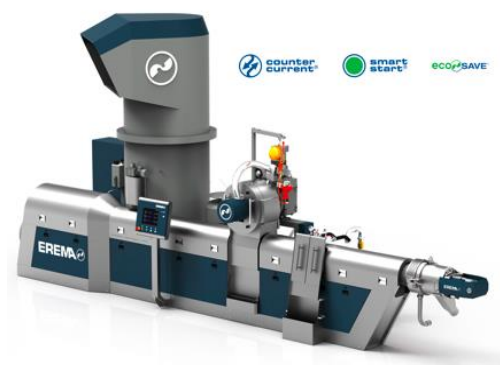


Fig. 1



Fig. 2



Inputmaterial:  
PP Polymere aus gesammelten, gewaschenen  
und gemahlten Autobatterien

Output:  
Hochwertiges, gleichförmiges Regranulat

Endprodukt aus 100% Regranulat

Fig. 3

**Fig. 1:** The new plant generation INTAREMA® in combination with the Laserfilter ensures optimum processing of regrind for injection moulding applications

**Fig. 2:** The new scraper geometry of the EREMA Laserfilter: considerably longer screen service life through increased cleaning efficiency and reduced labour requirements thanks to long screen change intervals

**Fig. 3:** Highly efficient car battery recycling with INTAREMA® and Counter Current technology

**Photo credit:** EREMA

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