

## NPE 2015: EREMA on a course of expansion in the USA

EREMA North America, Inc., a subsidiary of EREMA Engineering Recycling Maschinen und Anlagen GmbH, has announced ready for NPE 2015 that due to high demand – especially in post consumer recycling – it will continue to expand in the USA. Further to this, EREMA will be exhibiting an INTAREMA<sup>®</sup> 1108 TVEplus<sup>®</sup> with Laserfilter at Booth no. W5673 on West Hall Level 2 at the International Plastics Showcase from 23 to 27 March 2015 in Orlando, Florida. Additionally, the enhanced, fully automatic edge trim system INTAREMA<sup>®</sup> 605 K for the in-house recycling sector – which is likewise of significance for the US market – will also be demonstrated live.

### Expansion in the USA

To date, customers of EREMA North America (ENA) have had a trial centre already covering some 1,000 m<sup>2</sup> of floor space and three recycling systems for trials at their disposal at the company's North America base in Ipswich, Massachusetts. Due to the growing demand for EREMA's global market leading recycling systems, especially in the post consumer segment, the company now plans to expand it even further to 2,400 m<sup>2</sup> and install a new system. This means that in future the North American market will have four demonstration systems stationed in Ipswich for customer trials. The new system will be an INTAREMA<sup>®</sup> 1108 TVEplus<sup>®</sup> with Laserfilter which will be joining the three existing plants: an INTAREMA<sup>®</sup> 1108 T and INTAREMA<sup>®</sup> 1108 TVEplus<sup>®</sup> – each with EREMA melt filter SW RTF, plus an INTAREMA<sup>®</sup> 605 K. The expansion of the trial centre will get underway in March 2015 and its completion is scheduled for late summer 2015.



The EREMA North America trial centre in Ipswich, Massachusetts

Mike Horrocks, ENA CEO, is proud to explain: "Our North America base represents a major EREMA investment showing a strong commitment to North American customers. The facility is a valuable link to EREMA's global headquarters in Austria, allowing customers easy access to EREMA equipment, technical support and vast reservoir of knowledge derived from decades of plastics recycling throughout the world."

### USA records increasing demand for post consumer recycling

Interest in the recycling of post consumer plastic waste is currently growing at a rapid pace in the USA. The complex material mixtures, high degree of moisture and heavy contamination of the input materials call for the best and most reliable recycling systems. EREMA offers the INTAREMA<sup>®</sup> TVEplus<sup>®</sup> system here which, thanks to the patented configuration of melt filtration with subsequent homogenisation UPSTREAM of extruder degassing, plus the efficient Laserfilter, enables you to make high-quality end products. The recently enhanced EREMA Laserfilter is particularly suitable for the processing of materials with a high degree of contaminants such as wood, paper, aluminium or copper and fulfils requirements which conventional melt filters cannot meet. With the new scraper geometry of the Laserfilter, customers now have additional efficiency benefits such as longer screen service life and reduced labour requirements thanks to long screen change intervals.



INTAREMA<sup>®</sup> TVEplus<sup>®</sup> with Laserfilter for Postconsumer Recycling

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### INTAREMA® K for In-house Recycling

Another EREMA highlight at NPE 2015 will be the latest product innovation INTAREMA® enabling visitors to see for themselves how intelligent in-house recycling solutions can maintain consistent end product quality while saving production and labour costs at the same time. The new, fully automatic processing system designed especially for the recycling of PE edge trim is the successor model of the previous KAG system which now features all the innovative technologies of the INTAREMA® plant generation for further boosts to efficiency.

In-house recycling solutions for flexible plastic packaging are a core competency at EREMA – some 2,000 of the over 4,000 EREMA systems sold around the world operate in this application field. With this new boost to efficiency the enhanced INTAREMA® K system secures the continuation of the success of the in-house recycling application.



The new INTAREMA® K system for fully automated edge trim recycling

One of the key benefits of the new system is the direct feeding of the endless edge trim via piping and cyclone which takes place automatically and offers maximum flexibility through possible combinations of cyclone, roller intake or conveyor belt, too. As a result, pre-cutting of the edge trim is not necessary. The fully automatic throughput adjustment to the actual amount of edge trim also ensures minimum labour requirements. This efficiency boost results in high-quality, clean pellets, up to 100% of which can be returned to the production process. INTAREMA® K systems can thus be integrated not only in production lines but also installed externally as an offline system.

All INTAREMA® systems feature the new Counter Current core technology for improved material intake and higher output capacity, the Smart Start system for extremely easy operation and a top degree of automation plus enhanced ecoSAVE® technology for even lower energy costs.

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### About the company:

Since it was founded in 1983, EREMA Engineering Recycling Maschinen und Anlagen Ges.m.b.H has specialised in the development and production of plastic recycling systems and technologies for the plastics processing industry and is regarded as the global market and innovation leader in these sectors. EREMA's technology has become established as a leading global standard for a wide variety of recycling tasks, ranging from the recycling of polyolefins to polyester (PET).

The wide-ranging product portfolio can be divided into the following main segments:

- Plastics recycling systems for standard applications and production waste

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- Plastic recycling systems for heavily printed/contaminated post-consumer waste
- FDA-approved PET recycling systems, VACUREMA<sup>®</sup>, efsa approval requested via customers (e.g. for bottle to bottle recycling)
- Inline PET applications (e.g. for fibre, film and strapping)
- COREMA<sup>®</sup> plastic recycling system for the production of highly filled and customised compounds
- Fully automatic, self-cleaning melt filters
- Pelletising systems

Around 450 people around the world work for the Austrian company group. With its own sales and service companies in the USA and China, plus around 50 local representatives in all five continents, EREMA provides custom recycling solutions for international customers. Innovative technology and global service support additionally ensure that owners enjoy the maximum benefit from their EREMA systems.

Numerous patents, particularly energy-saving, environmentally friendly systems, exacting quality requirements and proactive commitment to customers form the basis for the continuing international success of EREMA.

### **EREMA Group in figures:**

<b>4,000</b>	EREMA systems in operation around the world
<b>450</b>	employees in all 5 continents
<b>115</b>	million EUR turnover in fiscal year 2013/14
<b>50</b>	EREMA country representatives worldwide
<b>14</b>	million tonnes of plastic recycled every year with EREMA systems
<b>13</b>	facilities for customer test runs at the international EREMA trial centres
<b>10</b>	regional centres around the globe to provide customers with direct technical support