

resulting salt solution, which is cleaned and collected in the waste water tank. The waste water will be injected (in portions) into the evaporator furnace, the water becomes vaporised, and the salt is back in the supply cycle. Exhaust gases are treated in the extraction unit before they are discharged.

#### MDC Engineering in cooperation with Durferrit

For several years **Durferrit** LCM equipment has been developed, manufactured, and marketed in close partnership between **Durferrit GmbH**, Germany, and **MDC Engineering S.a.r.l.**, France. Since early 2013 MDC Engineering has taken over the sole distributorship for this field of activity. Both companies plan to carry on their partnership and Durferrit GmbH will continue to supply its salt furnace technology to MDC in the future too. All equipment for salt bath vulcanisation will now be available directly from MDC Engineering, whereas the salt required for the LCM vulcanisation lines will be exclusively supplied by Durferrit GmbH.

#### Micro Quick Engineers: Compounding solutions for rubber

Hall 12, stand C32-6

The Indian company **Micro Quick Engineers**, based in Ahmedabad/Gujarat, is a manufacturer of dispersion kneaders with hydraulic ram, which exerts positive pressure on the batch and can be accurately controlled in the desirable batch to batch consistency. An effective cooling inside the rotor's wing and surrounding jacket enables the compound to be mixed at significant lower temperature. A wear-resistant boron carbide coating is placed on the external diameter of rotors. Main benefits of the dispersion kneader according to Micro Quick are the consistent compound quality, the faster batch preparation (when compared to a mixing mill), the convenient handling, and the uniform dispersion of the ingredients. Furthermore, the company supplies rubber bale cutters. Micro Quick Engineering exhibits at the joint stand of **Plastindia Foundation**.

#### Rep: "Rubber in Motion"

Hall 14, stand B57

"Rubber in Motion" is the theme of the French rubber injection moulding machinery manufacturer **Rep** at K 2013. The company announced that it will unveil the new **G10** machine in Düsseldorf and also intends to offer customers a solution to reintegrate cured compound wastes into the production chain.

Named **Infinitely smart**, double allusion to its functional aesthetics (new ergonomic design, user-friendly) and to the embedded intelligent technologies (wireless 3G card to simplify remote diagnosis without going through the customer network, predictive maintenance, etc.), the G10 line – like the previous generations – is, according to the company, characterised by its reliability and robust design. The tenth Rep press generation integrates the expertise of the French manufacturer possessing an experience of more than 50 years in the field of rubber injection. The model **V710** introduced in Düsseldorf will be the very first machine of this new generation.

Another novelty presented in Düsseldorf is the **HSM devulcanisation**. The company says it is a thermo-mechanical rubber recycling process, which allows waste to become a raw material which can be reused in the initial product. Rep says it is a clean process which does not use chemical additives. Rep further announced the introduction of a plug + produce type micro-machine for the moulding of small precision parts, which can be easily integrated into a production line.

Finally, the company will also exhibit its proven products such as **CMS**, a compact multi-station injection moulding machine allowing to achieve the same productivity as with two 4,000 kN machines or the **Servobloc** (CRB with electrically-controlled shutoff system), as well as the economical **RT9** range and the compression moulding machines of **Tung Yu**, the co-exhibitor of Rep.

#### Troester: Improving quality and efficiency

Hall 16, stand F40

**Troester** is a leading manufacturer of machinery and equipment for the rubber and cable industry. It will be presenting machinery solutions which help processors to improve quality and efficiency without neglecting the increasingly important factor of environmental impact. The company announced that it will, for example, inform about its latest innovations regarding automatic wall-thickness centring in hose manufacturing.

On the stand this year as the youngest member of the Hanover-based group, the Swiss company **X-Compound** will be presenting its kneader technology for the continuous manufacture of e. g. HFFR, PVC or XLPE compounds. X-Compounds offers one-stop solutions for plastic compounding and processing and specialises in planning and constructing of whole systems for compounding plastics, as well as other steps in the process which include conveying, melting, dispersing, blending, and degassing. Other interesting features on the stand include roller-head lines for the manufacturing of rubber sheets and panels, tyre manufacturing lines for treads, sidewalls, inner liners, Apex etc., as well as machinery for the production of rubber profiles and hoses. The company says that a visit to the Troester stand is a must for anyone wanting to talk to experts about the special aspects involved when using gear pumps to extrude profiles and hoses, or to strain blends.

