

Corbas – September 2, 2016

REP international is preparing for the K2016 show



The largest plastics and rubber industry companies will be present in October for the “K Show”, holding once every three years in Düsseldorf. As a leading manufacturer of rubber injection molding machines, REP international will exhibit their latest products (Hall 14 Booth B57).

G10 Core and G10 Extended *Infinitely Smart!*

New developments are announced in the G10 range with two new product lines of rubber injection molding machines, **G10 Core** and **G10 Extended**, best focused on the varied needs of customers.

The **G10 Core machines** are presses with all core functionalities, tailored to uncomplicated processes, available on the mid-range category (160 to 500t). A V410 Core will be presented at K2016. This is REP's expert know-how at optimized cost: equipped with a REP patented injection unit, a sturdy and ergonomic closing unit and a powerful process-control, bearing CE-certification, G10 Core presses are intended for customers who want uncomplicated solutions.



The **G10 Extended machines** are presses with a clamping force from 160 to 1,000 tons, best suited to heavy-duty processes. This range extends even further the performance of the previous generations: energy efficiency, enhanced productivity, improved ergonomics and maintainability, and smart technologies! A G10 Extended, in bi-compound version, will be shown at REP's booth with a molding demonstration of dampers that perfectly illustrates material flow control and automatic demolding.



Industry 4.0



So as to meet industry 4.0 challenges, REP will release a new app and software package called **REP Pack 4.0** including **Rep Net 4.0** and Rep Net App, the 4th generation of the RepNet supervision software and its mobile app. Made up of 11 modules, REP Pack 4.0 allows for real-time monitoring and workshop modelling, centralized management of mold settings, productivity calculations,

Statistical Process Control, and many other functions that will be demo'd at the booth.

Rubber Micromachine

REP will show a micromolding machine too, the rubber version of the **Microject M06R**. This "Plug & Produce" micromachine is designed for molding and overmolding small parts. It can be easily integrated to automated assembly lines and suits to prototyping or lab testing. Perfectly adapted to very small precision parts, or small series, a version for plastic molding (M06P) or LSR molding (M06S) is also available). It will be presented in action at the booth with a molding demonstration of valves with metal inserts.



Laser Mold Cleaning Machine

The company continues broadening its product range: Always focusing on useful solutions for their customers, REP has developed together with a laser-specialized partner a laser technology matched to the cleaning of industrial parts, and injection and compression molds for the rubber and polymer processing. The machine called "REP MLC 500 by Laselec" is from now on available through REP's distribution network. It will be presented in Düsseldorf.

This environment-friendly ecological solution guarantees a safe, optimal, quick and reproducible cleaning with low operating costs.



TYC Compression Press



Last but not least, REP will also show a compression press for molding rubber or composites by Tung Yu, their long-standing partner. Vacuum compression molding, hot-cold presses, sandwich molding, presses to mold friction parts, presses in clean rooms, SMC, BMC, etc., Tung Yu has broad and diverse experience thanks to which REP can offer solutions for molding composite, rubber and thermoset materials.

All in all, 5 machines will be shown at REP's booth where an international team awaits visitors from all over the world. More info : www.repinjection.com