



RUBBER IN MOTION

PRESS
RELEASE

REP INTERNATIONAL: K2019 - OBJECTIVES FULLY ACHIEVED!

Corbas (Lyon) France – December 2019



The trade show 'K2019' ended with a positive outcome both for the organizers of the K and for REP.

REP saw a 5% increase in the number of visitors in the booth compared to 2016. The visitors showed great interest in the showcased products and were impressed by the diversity of projects REP is able to cope with.

TOWARDS SUSTAINABLE DEVELOPMENT

V410 Extended – Performance Range



As proven by the demonstration of the V410 Extended LSR 160 t, which was operated in a fully automatic robotic cell and generated various project discussions.

The technological innovations of recent years on the world market for polymers are already based on sustainable development and the

production of the future.

Let's take as an example the deployment of e-mobility, which brings new challenges and requirements to the automotive industry.

The significant growth in the fuel cell demand led REP to develop a cutting-edge process for this demonstration. The "performance" range, which is intended for technically demanding process environments, meets the high requirements for flashless molding where precise shot sizing and low injection volumes are major concerns.

An opportunity for REP to demonstrate its expertise in this field and LSR processes. REP is able to offer a turnkey solution and adapt to a wide range of process applications thanks to its collaboration

with numerous partners who have a proven track record in their field.

CMX1 160T – Dual-compound – Performance Range

The CMX1 of a clamping force of 160 t, configured for dual-compound operation and showcased within the scope of the G10 Extended Performance range, featured for the first time a second electric injection unit.



In order to meet the material management requirements of the pharmaceutical industry, this equipment is designed for "clean" production environments while using resources intelligently and sustainably.

The CMX

The growing profitability has long been proven for this 4-station press, where injection molding, curing and demolding

operations can be performed simultaneously either for identical parts or for parts requiring different compound volumes. This machine is designed for reduced floor space and can be easily matched with various automation demands.

V71CL50 G10 Core – Lean Range

The Lean range - G10 Core - is preconfigured with all major characteristics and the expertise of REP, and therefore offers customers, who operate simple processes with standardized machines, broad possibilities at optimized cost.

The V71C of rugged and user-optimized design was shown on the booth, whereas the Lean range is available in 3 models of a clamping force from 160 to 510 tons.



INDUSTRY 4.0 / SERVICES

Industry 4.0



The new organizational concept of the production processes requires the input of the industrial players and prompts them to network their systems.

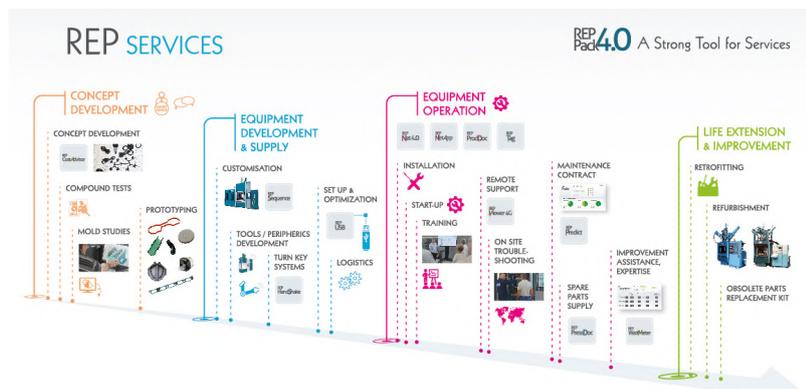
REP, who has been working on this issue since the 1980s, continues to improve its software package, REP Pack 4.0, which was launched in 2016, in particular REP Net 4.0, which, based on the OPC/UA communication

standard widely used in connection with Industry 4.0, provides for data exchange with business intelligence tools, such as ERP, MES, etc.

This system has been demonstrated in our booth on machines of the current generation. However, it is also suitable for connection to machines of previous generations.

Services

During the trade show, our visitors could state once again how much REP supports its customers throughout the entire life cycle of a machine. Customer care is provided from the early design stage through consulting, studies and tests. The entire range of machines, plant equipment, tools, peripherals or turnkey



systems is constantly being further developed both for standard machines and customer-specific lines.

REP also offers maintenance agreements with simplified machine servicing thanks to the software “REP Predict”, provides remote or on-site support and ensures the supply of spare parts. Customers who want to extend the life span of their machines even further may have them retrofitted or revamped, or use replacement kits for discontinued parts, in order to optimize them through continuous improvements. A value-adding investment through qualified specialists and high-performing tools.

TUNG YU

The Compression Range

Our co-exhibitor at the K2019 and long-time partner from Taiwan presented a compression press as well as models of Rotocure and conveyor belt systems.



This compression machine, showcased for the first time in Düsseldorf, demonstrated Tung Yu’s expertise in the development and manufacture of complex and demanding equipment.

LOOKING FORWARD TO THE NEXT EVENT IN DÜSSELDORF IN 2022!