

# A range of packaging solutions and mould making services



R&D/Leverage, the independent packaging solutions and mould manufacturing specialists based in the Midwestern U.S., will showcase its latest accomplishments and complete range of services at the NPE 2018. R&D/Leverage introduces the Liberty IBM System.

The Liberty tool is claimed to be a paradigm shift in IBM tool design. R&D/Leverage says that it has the following advantage: There is a faster, and safer start-up with less labor possible, resulting in a longer mould life, because of the patented Genesis IBM hot runner system which utilises the thermally insulated nozzles, on-the-fly balancing, and

elimination of further adjustments after initial mould set up.

The production quality is said to be very high due to patented, self-adjusting cavities. These cavities are aligned perfectly on precision dowels, not key stock, to ensure a perfect cavity alignment. It eliminates mismatched threads, parting line mismatch, and gate damage.

The Liberty IBM System can be started in only 3m, versus 45m or in some cases up to 2h for a traditional mould, after initial tool set up.

R&D/Leverage is one of the most known manufacturer of stage PET tooling. It offers a complete solution for all PET converters. R&D/Leverage guarantees a free project evaluation by experienced tooling and processing engineers, an in-plant process support for new mould startup as well as an on-site process development for unit or production tooling. Customers are said to have a smooth transition of unit-to-production processing, a reduced time to market from project inception to production tooling and premium materials increase life of tooling and improves part quality.

The Leverage group of R&D/Leverage integrates an array of both creative and technical offerings: R&D/Leverage Packaging Solutions designs a strategy for each project. It begins with an alignment of internal and client stakeholders ensuring to provide creative packaging designs that can be manufactured. Teams of creative and technical experts working hand in hand to ensure a winning concept that is ready to move into production. There is also a technology and manufacturing research support through-out the design process to ensure speed to market.

R&D/Leverage is happy to discuss new state of the art trends with their customers for example: In-house mould repair & refurbishment department, mould design analysis, opti-sim virtual prototyping as well as rapid prototyping and 3D part scanning.

R&D/Leverage will also inform about its news projects such as: to keep the "Snap" in a new PET bottle for Snapple for Dr Pepper Snapple.

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