# HRSflow’s servo-driven hot runner system convinces customers: Over 1000 systems sold worldwide

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*Introduced in 2013, HRSflow’s servo-driven hot runner systems have now passed the 1000 mark. © HRSflow*

San Polo di Piave/Italy, March 2021 – A steadily growing number of injection molders are being convinced by the precision and reliability of HRSflow's hot runner technology, which has been proving its performance in many industries for years. First introduced at K 2013, their servo-driven valve gate system has since been a powerful driver of growth for this hot runner specialist, making it the world's No. 1 automotive supplier today. Now the number of units sold around the globe has passed the 1000 mark. The wide range of applications includes automotive engineering with lighting, interior, exterior and under-the-hood applications, increasingly also electrically driven vehicles, as well as logistics and environmental, household and gardening.

As part of its continuous development, HRSflow recently launched FLEXflow Evo, a new generation technology that features reduced space requirements (cutouts) in the mold thanks to optimized geometry. In addition, melt pressure and flow rate can be adjusted even more easily thanks to the flexible control system. What has remained unchanged is the perfect part surfaces that can be achieved, even in sensitive applications such as film back-molding.

The use of FLEXflow Evo in cost-reducing family molds provides particular advantages. These are currently attracting great interest because they can be used to produce different parts in a single shot. To outline the potential of the system in live demonstrations, HRSflow has produced what is now the third family mold for the simultaneous production of elements of the interior door trim of motor vehicles. It shows how the filling process can be perfectly balanced and warpage largely controlled despite very different molded part sizes, something that has often been problematic with family molds. At the same time, it demonstrates that the flow rate, which can be set independently and precisely for each cavity, reliably prevents overfeeding and flash formation. HRSflow makes the three demonstrator molds available to customers for trials, material tests and training at the company's headquarters in San Polo di Piave/Italy, at the plant in Hangzhou/China or at the plant in Grand Rapids, Michigan/USA.

Maurizio Bazzo, President of HRSflow, comments: "Today’s automotive manufacturing environment is experiencing a transition phase towards a new direction: design complexity, e-car development, lightweighting and digitized driving. At the same time Tier 1 suppliers and OEMs are looking for overall cost saving processes. To obtain the next-generation high quality parts and to reduce scrap rate the market will need increasingly flexible flow control for part molding optimization. HRSflow is ready to face this new challenge."

**HRSflow** (www.hrsflow.com) is a division of INglass S.p.A. (www.inglass.it) based in San Polo di Piave/Italy and specializes in the development and production of advanced and innovative hot runner systems for the injection molding industry. The group of companies employs about 1,000 people and is present in all major global markets. HRSflow manufactures hot runner systems at its European headquarters in San Polo di Piave, Italy, its Asian headquarters in Hangzhou, China, and its Byron Center facility near Grand Rapids, MI, USA.

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