**Streamrunner** **– the new, additively manufactured hot runner system from HASCO hot runner**

HASCO has enjoyed a reputation for innovation and pioneering technologies for many decades. The company made its first move into additive manufacturing for hot runner manifolds back in 2016. Since then, the experts at HASCO hot runner have been building further on their initial experience in this unique field for the hot runner industry.

The results of numerous studies and tests have gone into the development of HASCO’s innovative hot runner system, which now offers mouldmakers and injection moulders unprecedented freedom in design.

The official market launch of the additively manufactured hot runner system at the K 2019 fair attracted a great deal of interest. Since then, a number of successfully implemented customer projects have served to confirm the advantages of the system. HASCO hot runner has now adopted the name of Streamrunner for this innovative technology to enable its clear identification and differentiation.

**High-quality injection mouldings with the lowest possible shear stress**

The Streamrunneris an additively manufactured hot runner manifold offering maximum freedom of design. Using this technology, flow channels can be configured with the optimum rheological layout, avoiding sharp edges and areas with poor flow. The gentle passage of the melt through the manifold makes for considerably lower shear stress in the material, resulting in better quality mouldings. And the flow-optimised design speeds up colour changes too, since the melt can be divided and deflected over generous radii.

The complete absence of diverting elements means the Streamrunner can be produced in a particularly compact design. Very tight spacing down to 18 mm is also possible for high cavity systems, depending on the application in question. The height of the manifold can also be restricted to 26 mm, making it considerably smaller than other manifolds on the market. Used in conjunction with separately controlled nozzles, the advantages of this unique system become even more apparent.

**Streamrunner impresses through its compactness and maximum degrees of freedom**

The Streamrunner is opening up completely new options in hot runner technology. Employing simulation-based analyses, the specialists at HASCO hot runner can configure specific solutions tailored to individual assignments.

**Fact box:**

HASCO **Streamrunner** – the first additively manufactured hot runner.

Additive manufacturing technology offers maximum freedom in design and overcomes previous limits on the design of hot runner manifolds.

• perfect balancing

• particularly gentle passage of melt

• highly compact design

• excellent colour change characteristics

• also suitable for high cavity systems

• leak-proof

In the HASCO Portal quickly and easy to your individual offer. Enter all data directly in the online hot runner enquiry form and upload the relevant documents

<https://www.hasco.com/en/hotrunner/home_hot_runner>

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