



HRSflow Inglass S.p.A.

Company Description

Oerlikon HRSflow is an international powerhouse in the design and manufacture of hot runner systems for the plastic injection molding industry. Established in 1987 in San Polo di Piave, Italy, the company began as INglass, focusing on high-quality molds for automotive lighting. In 2001, it launched the HRSflow division, dedicated specifically to hot runner technology. Since its acquisition by the Swiss technology group Oerlikon in 2021, the company has integrated its deep-rooted Italian craftsmanship with global industrial excellence, operating under the Oerlikon HRSflow brand.

The company is renowned for its pioneering role in "FLEXflow" technology—a patented servo-driven valve gate system. This innovation allows for independent and precise control of each valve pin, enabling manufacturers to produce complex, high-quality plastic parts with Class "A" surface finishes. Such precision is vital in the automotive sector for components like bumpers, dashboards, and lighting, where aesthetics and structural integrity are paramount. Beyond automotive, Oerlikon HRSflow serves diverse markets including medical, domestic appliances, packaging, and logistics, helping clients reduce waste and optimize production efficiency.

Strategically, Oerlikon HRSflow operates three identical production plants located in Europe (Italy), Asia (China), and North America (USA). This global footprint ensures that customers receive consistent quality standards and localized support regardless of their location. With over 1,000 employees worldwide, including a team of more than 250 designers and 130 R&D specialists, the company remains at the forefront of innovation. Their commitment extends to 24/7 technical assistance, ensuring that injection molders can maintain continuous production with minimal interruption. As the industry moves towards sustainability, Oerlikon HRSflow is also leading the way in developing solutions for recycled polymers and bio-based materials, reinforcing its position as a forward-thinking partner in the global circular economy. Their mission is built on integrity, excellence, and a passion for engineering the future of plastics.

Company Details

Head Office

Japan

Main Business

プラスチック射出成形用ホットランナーシステムの設計・製造および販売。特に自動車産業向けの「FLEXflow」など、精密な制御を可能にする技術に強みを持ち、家電、医療、包装資材など幅広い産業へソリューションを提供。

Established

2015年3月

Capital

80百万円

Number of Employees

1 - 10

URL

<https://www.hrsflow.com/ww/pt/>

Offices

Main Office

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