

FOR IMMEDIATE RELEASE

DATE: October 2, 2024

CONTACT: Miki Bogar – Director, Global Marketing
mbogar@moldmasters.com or 647.297.6831

Mold-Masters® Introduces Latest Technology at FAKUMA 2024
New hot runner systems, controllers and more on display in Booth B3-3201

Georgetown, ON, October 2, 2024 – [Mold-Masters](#), a leading developer and supplier of hot runners, controllers, auxiliary injection, and co-injection systems, will showcase its latest products in Hall B3 Stand 3201 at Fakuma 2024: The international trade fair for plastics processing, held October 15-19 in Friedrichshafen, Germany. The new products include hot runner systems, temperature and motion controllers, an auxiliary injection unit, a gate seal, and sustainable processing solutions.

The new hot runner systems include the [Fusion Series® G3](#) and the [EcoONE-Series™](#). The Fusion Series G3 hot runner system comes pre-assembled and features new enhancements to optimize mold design, simplify installation, minimize downtime, and enhance overall performance. These include system installation at room temperature; reduced nozzle bore cut-outs; compound nozzles; a heated nozzle flange; compact quick release actuators; and waterless actuators featuring passive actuator cooling technology. The system on display will also feature our Servo Electric Valve Gate ([SeVG+](#)) system which provides superior process control for demanding applications. SeVG+ is a servo driven actuation system that provides absolute control and precision over individual valve pin opening and closing profiles. The SeVG+ servo motor offers a compact 114mm height that minimizes stack height and simplifies mold designs. The EcoONE-Series 1-16 drop hot runner system is a highly economical, standardized solution suitable for processing commodity resins for simple, cost-sensitive applications such as consumer goods, small home appliances, basic automotive components, electronic peripherals/accessories, and more. It's offered with a wide range of standard components including manifolds with custom pitch ranges. Recent product updates include the availability of hot half plates, a one-drop inline manifold option, a 16-drop manifold option, expanding the maximum dimensions of the manifold blocks to 600mm x 600mm and expanding the range of electrical connector options.

Also on display will be the new [TempMaster™ M4 hot runner temperature controller](#) and the [M-Ax™ mold motion controller](#). The TempMaster M4 features Mold-Masters' new HR-Connect technology, which eliminates conventional mold thermocouple and power cables and replaces them with a single cable connecting the mold to the control head unit. Featuring an innovative new Mold Direct Mount design, the TempMaster M4 sets a new standard for temperature controller design.

The next-generation M-Ax mold motion controller features a simplified user interface with special features, including preprogrammed mode functions and energy and torque monitoring. Energy monitoring allows molders to measure and track the energy consumption of their motion controls, while torque monitoring can be used for a variety of purposes as determined by the user.

Additional products featured at the show will include the company's [E-Multi®](#) product line of auxiliary injection units, which now includes the [E-Multi mini](#). A compact, lightweight unit designed for small shot weights, the E-Multi mini is affixed to the mold and can be mounted in nearly any orientation. It also has

a pivoting hopper that can move from left to right to accommodate challenging installation positions and is available with a wireless display tablet interface.

The [Sprint® APEX](#) gate seal minimizes flow lines, improving environmental stress crack resistance (ESCR) of CSD caps by up to 40% to support light weighting. It is also designed to enhance part quality, improve color change by up to 65% and minimize maintenance costs by eliminating the insulation cap associated with other industry standard gate seal designs.

Mold-Masters SmartMOLD mold monitoring industry 4.0 solution now has more system connection options. There is a 4G cellular option which makes connecting to SmartMOLD's cloud servers simpler and keeps the manufacturing plants network separate. In addition, we also offer a local configuration set-up where data is driven directly into the facilities own ERP and MES systems. In this local configuration the cloud servers are avoided entirely, and data does not leave the facility.

The company's various processing solutions for [bio-resins](#) and recycled materials, will also be on display at the booth. For example, Mold-Masters' [co-injection multi-layer systems](#) maximize the use of recycled content. Our technology allows molders to incorporate recycled content up to 50% of total part weight as the core layer positioned between two layers of virgin resin to maintain the aesthetic look of virgin resin. Our co-injection technology is compatible with small to large packaging products and a range of other applications. Mold-Masters offers both complete system solutions and a retrofit package to convert conventional single shot injection machines to co-injection.

To learn more about Mold-Masters products and innovations or to speak with a technical expert, please visit moldmasters.com or contact info@moldmasters.com.

About Mold-Masters®

Mold-Masters is a leading global supplier of hot runners, controllers, auxiliary injection and co-injection systems. We design, manufacture, distribute, sell and service highly engineered and customized plastic processing equipment that caters to every market. Mold-Masters is credited for patenting the first commercially viable hot runner system in 1965. Today, Mold-Masters conducts business in more than 100 countries and employs a diverse workforce that exceeds 2,150 professionals. Mold-Masters' Global Headquarters is located in Georgetown, ON, Canada. Mold-Masters is an operating company of Hillenbrand (NYSE: HI). www.moldmasters.com

Hillenbrand (NYSE: HI) is a global industrial company that provides highly-engineered, mission-critical processing equipment and solutions to customers in over 100 countries around the world. Our portfolio is composed of leading industrial brands that serve large, attractive end markets, including durable plastics, food, and recycling. Guided by our Purpose — Shape What Matters For Tomorrow™ — we pursue excellence, collaboration, and innovation to consistently shape solutions that best serve our associates, customers, communities, and other stakeholders. To learn more, visit: www.Hillenbrand.com.