

Bühler showcases advanced die-casting solutions for cost-efficient production at Euroguss 2026

Die-casting manufacturers face rising costs and increased competition across the industry, alongside growing interest in large-structural approaches such as megacasting. Meeting these demands requires targeted investment and strong partnerships. At Euroguss 2026, Bühler will present its latest innovations designed to improve overall production efficiency and reduce manufacturing costs across the die-casting process. Highlights include the Carat 720 megacasting solution, intelligent cell control systems for all die-casting cell sizes, and a comprehensive service portfolio across production scales.

For decades, Bühler's Die Casting business has been at the forefront of developing advanced solutions for aluminum and magnesium die casting across automotive, household appliance, and telecommunication sectors. By combining innovation with customer-centric design, Bühler offers a broad portfolio of equipment with locking forces ranging from 2,600 to 92,000 kilonewtons (kN), ensuring solutions for every application.

Introducing the Carat 720

The Carat 720 is the latest addition to Bühler's proven Carat series, which boasts over 950 installations worldwide. It offers a locking force of 72,000 kN and features an optimized machine design with a new tie-bar geometry for a compact footprint and seamless integration. Engineered for maximum efficiency, the Carat 720 delivers faster cycle times, superior part quality, and simplified handling, making it the ideal solution for high-performance megacasting.

With more than 50 megacasting cells sold globally and three regional hubs in Europe, North America, and Asia, Bühler provides unmatched expertise and support throughout the entire process of megacasting, from part design and layout planning to commissioning. Today, Bühler's customers supply parts for over 15 OEMs worldwide.

Smart cell control for enhanced productivity

Whether it is megacasting or smaller die-casting solutions, Bühler's cell control systems bring all die-casting cell devices under one integrated system, enabling operators to monitor, control and program the entire cell from a single touchpoint. This streamlined approach reduces downtime and boosts productivity across setups of any size, from simple configurations to fully automated megacasting cells. While SmartCMS offers comprehensive control for larger plants, smaller cells benefit from DataView integration. In addition, the Bühler Insights Digital Services are available for all cell sizes. These

solutions accelerate production changes with intelligent recipe management, ensure consistent product quality through advanced tracking, and minimize downtime thanks to real-time alarms and diagnostics.

Comprehensive services for long-term success

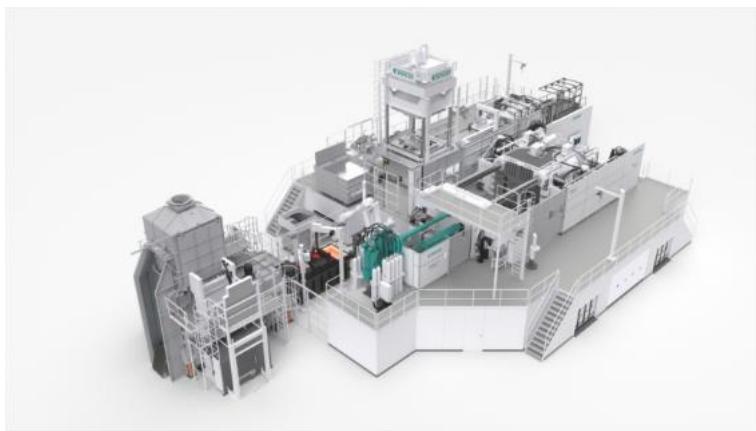
Bühler provides customers with expert support at every stage of the product life cycle, from transforming initial component ideas into practical implementations to full remanufacturing of machines. This commitment to comprehensive support ensures customers can consistently reach their production goals with confidence, knowing Bühler stands alongside them every step of the way.

With more than 100 service stations worldwide and over 200 highly trained die-casting specialists, Bühler ensures that its experts understand each customer's processes, applications, and the technical details of their cells. The company shares best practices and innovations from around the globe while tailoring personalized solutions to meet specific needs and immediate challenges.

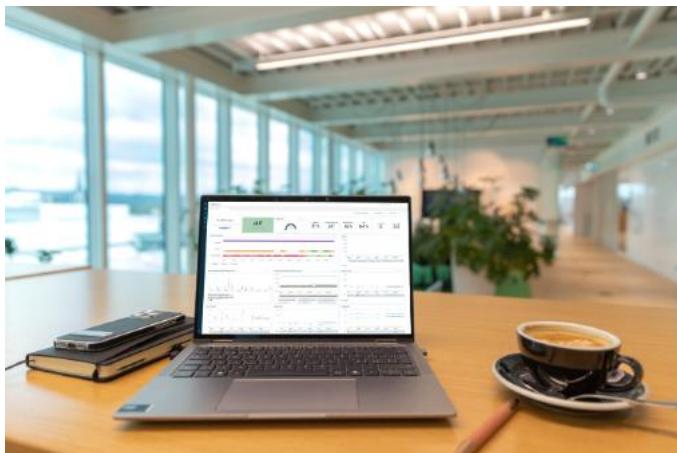
Through Bühler Total Care service agreements, customers benefit from customizable on-site service packages and hands-on training for their teams. This approach enhances employee expertise, reduces downtime, and ensures that die-casting cells continue to operate at peak efficiency over time.

For more information, visit <https://www.buhlergroup.com/die-casting> or contact us at die-casting@buhlergroup.com

Images



Carat 720 megacasting cell



Bühler Insights dashboard



Bühler DataView

*The images are available for download in high quality on
www.buhlergroup.com/global/en/industries/die-casting/die-casting-download-center.html*