

Investment and capacity expansion in polymer manufacturing at priomold

Advanced technologies and targeted investments set new standards for prototyping and low-volume production

The plastics industry is in a constant state of change, requiring flexibility and speed to meet the high demands. In this dynamic environment, priomold is constantly investing in the expansion and modernization of its machinery to increase its capacity and consolidate its position as a leading supplier of prototypes and low-volume production.

The latest expansions at priomold have brought significant progress. A new overhead crane, which has been in operation since January 2024, transports tools weighing up to 500 kg safely and efficiently to the plastic injection molding machines which not only shortens set-up times but also ensures a smooth production process.

In February 2024, priomold added two state-of-the-art Arburg 470C 1000-350 Golden Edition plastic injection molding machines to its machine park. These machines set new standards in precision and versatility and optimize the production of high-quality plastic parts. The investment brought priomold's total number of plastic injection molding machines to 20 Arburg machines ranging from 40 to 360 tons and led to further optimization of manufacturing processes and expansion of production capacity.

The increase in SLS 3D printing capacity was an important step into the future. Also in February 2024, two new EOS-branded SLS printers were put into operation: the Formiga P110 and the EOS P396. The Formiga P110, a renowned and reliable industrial 3D printer, uses a unique fine laser beam to create intricate parts and ultra-smooth surfaces, opening up new areas of application. This system features a small footprint and state-of-the-art workflow-based software. The mid-range EOS P396 printer enables flexible, tool-less production of spare parts through to volume production, quadrupling component volume. This investment enables priomold to apply innovative additive manufacturing technologies and further shorten development cycles for prototypes and low-volume production.

The introduction of new human-machine interface (HMI) monitors at workstations marks a further step in the ongoing digitalization process. These digital workstations not only optimize the operation of the machines, but also enable accelerated processing and analysis of data. This seamless integration of man and machine underlines priomold's commitment to using innovative technologies to increase the productivity and quality of manufacturing processes.

The introduction of new human-machine interface (HMI) monitors at workstations is another step in the ongoing digitalization process. These digital workstations not only optimize machine operation but also enable faster data processing and analysis. This seamless integration of man and machine highlights priomold's commitment to using innovative technologies to increase the productivity and quality of manufacturing processes.

Continuous investment in the expansion and modernization of the machinery is a central component of priomold's corporate strategy. The integration of state-of-the-art technologies and equipment guarantees not only high product quality, but also maximum flexibility and speed in production.

priomold remains true to its reputation as a pioneer in the plastic injection molding industry and continues to set new standards with its latest innovations. The continuous modernization and expansion of its machinery enable the company to increase its capacity and continue to offer its customers first-class solutions. With a well-coordinated team and a wide range of skills, priomold is the ideal partner for prototypes and small series, meeting even the most demanding requirements.



About priomold GmbH

The fairly young company, founded by [Thomas Schönbacher](#) and [Moritz Zumdick](#) in 2015, specializes in the rapid delivery of plastic injection molded parts, offers mold construction (over 500 new molds per year) for prototypes and small series, as well as engineering support in the field of plastics. In the meantime, the company has grown to over 80 employees and is continuing to expand. What essentially sets priomold apart is its short delivery times for molds, injection molded parts, and additively manufactured components. The fastest tooling project was completed in two working days; on average, a new mold is ready within two to three weeks. Multiple awards as Growth Champion and TOP100 for Innovation 2022 are the confirmation of priomold's development.

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