



All photos: GPS

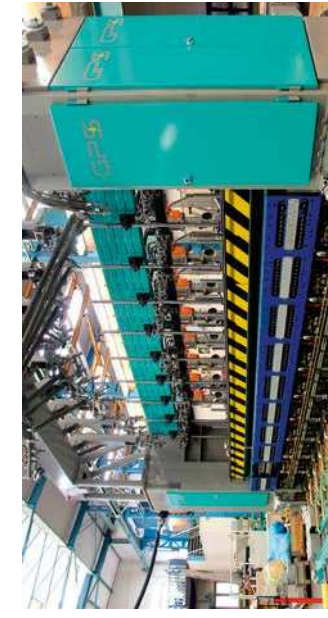
# Hardware and software from a single source

Synchronization of multiple servo axes of an IS machine in the micro- and millisecond range.

as well. The development of novel solutions and projects also forms part of the innovation-driven collaboration between the two companies. One of the results is the compact system Timer&Drive, which was specifically developed for comprehensive control and monitoring of IS machines. This is a definitive innovation for the container glass sector and is still unparalleled in its reliability, ergonomics, user-friendliness, and price. "The development of this control unit is in line with our requirement to offer machines with optimal software and state-of-the-art hardware at the lowest possible price," explains Themann.

## Integrated or stand-alone solutions

The innovative system can be integrated in all IS machines, not just in those made by GPS. "Our system is more of a module that can be integrated in existing machines according to specific requirements," says Themann. "This means that it's energy- and cost-efficient – and therefore absolutely in the interest of our customers." The individual components of the new GPS controller, for example, the proven Siemens solutions Logo, Simatic 57, and Simotion, are also suitable for small controllers, and are therefore a good choice.



IS machine for the production of bottles and jars in all shapes and sizes.

## GPS and Siemens – innovation drivers for the container glass industry.

Glasproduktions-Service GmbH (GPS) can look back on over 90 years of corporate history. Today, under the management of CEO Rolf Themann, GPS is an independent manufacturer of ultramodern IS machinery for the container glass manufacturing industry. As a former subsidiary of Saint-Gobain Oberland AG, GPS has the expertise and experience to identify the needs and requirements of the container glass sector and to develop customized solutions. In the age of digitalization, a full-service offering always includes the corresponding computer tech-

nology and software. With Siemens, GPS has found the ideal partner for precisely this sector. For the past two years, GPS has been equipping its IS machines with control and monitoring systems from the integrated technology company.

### Perfect interoperation of machine and control system

Siemens supports GPS as its go-to partner for technical issues and as a reliable supplier and provider of training courses on many different subjects – not just in Germany but worldwide

### GPS Glasproduktions-Service GmbH

GPS designs state-of-the-art IS machines for the container glass manufacturing industry worldwide. The company, headquartered in Essen, works with its clients and customers to develop tailor-made solutions. GPS has won over prestigious customers in the container glass industry thanks to its high quality, process reliability, efficiency, and environment-friendly machines.