



## Extremely diversified in terms of users and applications: the new HIGHLINE

With a well thought-out new development in their metering machine line-up, Hennecke has implemented a particularly cost-effective and energy-efficient solution for the two-component high-pressure processing of polyurethane, without any reduction in metering accuracy, adherence to the formulation, or precise compliance with the desired part weights.



The new cost- and energy-efficient HIGHLINE

In the development of high-pressure metering machines for processing polyurethane, Hennecke counts among the most experienced suppliers in the world. This is demonstrated by many thousands of machines that reliably perform their work every day. With the new HIGHLINE, the machine manufacturer from the Rhineland now offers an interesting complete package for two-component applications that impresses users at first glance with its attractive price-performance ratio.

A novelty in the market is the extremely wide range of applications that can be served by HIGHLINE machines. Thanks to the comparatively low purchase price, and the choice of top-quality components and useful additional equipment, investing in HIGHLINE machine technology is worthwhile for countless possible applications. Whether you want to make small series production, perform various hand-operated applications, or incorporate it into highly automated processes.

The cost advantage is achieved by the polyurethane specialists in the Hennecke GmbH through a comparatively high degree of standardisation in the machines. The HIGHLINE has been consistently designed and built as a series product. The manufacturing process in Hennecke's factory workshop has therefore been optimised down to the last detail. A synchronised flow assembly system makes it possible to have substantially shorter delivery times, but at the same high quality standards that Hennecke customers have appreciated so much since the development of the first high-pressure metering machines at the start of the 1950s.

The operating concept has also been redeveloped from scratch, as have major components of the machine automation. In the HIGHLINE, an intelligent energy management system is included for instance, which can reduce power consumption under typical production conditions by up to 50 percent. The intuitive operation and user-friendly menu navigation of the integrated SIMATIC touchscreen are always fitted as standard on Hennecke machines.

The machine layout is extremely efficient. The HIGHLINE has a compact design, as the tanks and hydraulic system are mounted on a support frame. This not only saves space in the production facility, but also simplifies the installation of the machine, which is uncomplicated to move with a stacker, and which provides additional flexibility in the daily production process. The start-up of the machine is very simple and can be completed in a few easy steps as it is based on Hennecke's typical plug-and-play principle. The basic version has day tanks with a volume of 250 litres each. For laboratory or technical center applications, the HIGHLINE can also be fitted with 60-litre day tanks. The total output range depends on the axial piston pumps used, and varies between 25-2,500 g/s at 50Hz mains supply frequency, and up to 3,000 g/s at 60Hz supply frequency.

**Further information and public relations**

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