

HENNECKE PRESS RELEASE

The high-pressure path to profits

Being excellent value for money in every sense, Hennecke's BaseLine metering machines stand above all for cost-efficient use of high-pressure technology. The fact that this does not entail a cut-back on equipment and quality on the manufacturer side has been proven by the new generation of metering machines.

As supplier of the world's first high-pressure reaction casting machines for polyurethane processing, the Bayer MaterialScience subsidiary based in Sankt Augustin near Bonn continues to strive for the ongoing evolution of the technology and application potential of its machines and plants. The best example is the new BaseLine. Among PU specialists, the label has for a long time been standing for a cost-effective use of high-pressure technology. In the past, the benefits derived from acquiring or upgrading to high-pressure technology convinced primarily small and start-up businesses.

In its present generation, the BaseLine promises to be more than just a "facelift" of the successful predecessor. Next to well-known advantages such as the compact design with integrated tanks or the speedy start-up thanks to the plug-and-play principle, many plant units have been completely revised. In addition to an increase in output to a maximum of 2800 g/s, the major focus of the new development was on intuitive operation. Thus, the extensive modifications concentrate especially on the control system as a whole. Here, the developers combined a completely new PLC automation system with modules from the well-known WINTRONIC control system used in the TopLine HK. In the centre: A pixel-graphics touch screen panel made by SIEMENS. At the heart of the operator control and monitoring device (HMI) with 5.7" colour display lies the state-of-the-art of engineering, comfortable and self-explaining operation with a novel combination of touch screen technology and additional function keys. In combination with the sophisticated Hennecke software, the operator gains access to a broad range of applications. The extended features include service functionalities enabling, as an option, even remote maintenance via modem or integration into the company's network. The rugged panel, equipped with a special protective cover foil, is suited for the use even in rough industrial environments without any problems.

However, the BaseLine does not only meet the user's needs when it comes to "intuitive operation". For the first time, the new machine layout presents itself with a desk for the control system. The desk is tilted towards the operator at a comfortable working height and can be positioned - thanks to flexible supply lines - in variable manner and according to the customer's

wish. As an option, the BaseLine can also be operated from an additional desk for standing operation.

Also in line with the customers' demands are the ML and MX series mixheads used for the machine. The powerful two-component mixheads cover a wide range of manifold applications. The different variants and sizes are specifically tailored to the individual requirements. Even processing pentane-blown foams is feasible. The so-called PPT 8 concept enables processing of up to eight percent by weight based on the pentane proportion and thus expands the application spectrum of the new the BaseLine.



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