



Hennecke at K 2016, Düsseldorf 19 - 28 October, stand B63 / hall 12

70 Years of Fascination PUR – Hennecke at K 2016

As the world's most important trade fair for the plastics industry, the K show brings together the key industry trends and areas of future development. This is the perfect setting for Hennecke to celebrate 70 years of "Fascination PUR" at K 2016. Since its foundation, the PUR specialist has continually set new milestones in polyurethane processing and with its state-of-the-art processing systems, long-standing process expertise and innovative high-pressure injection technology, it is rightly one of the world's leading suppliers in polyurethane processing.



70 Years of Fascination PUR – Hennecke's appearance at K 2016

This year Hennecke will once again present some impressive sample parts from advanced areas of application for polyurethane. These include innovative sample applications from the field of fibre-reinforced structural components, which are implemented using the High-Pressure RTM process (HP-RTM). With its HP-RTM production lines, the company from Sankt Augustin provides users with the right machine and systems technology to manufacture high-quality fibre composite parts in large-scale

production thanks to short cycle times. At the trade fair booth, visitors can examine impressive lightweight parts that demonstrate the great extent to which these processes have become established in the most diverse applications on the market.

Hennecke will also be presenting its comprehensive competencies in the field of surface technologies. In this area, CLEARMELT production lines offer users a superior plant concept for finish-coating thermoplastic substrates with both transparent and coloured PUR systems. This allows users to achieve resistant and functional surface structures for various decorative applications. The trade fair visitors can look forward to exciting exhibits.

A new Tweel will also be on display at the stand. The airless wheel, which combines the tyres and rim in one component, was first presented by Michelin two years ago. The wheel, which is manufactured using Hennecke ELASTOLINE metering machines, is now celebrating success in more and more new areas of application. A new version will be exhibited at the trade fair: a Tweel for all-terrain vehicles (ATVs).

In addition to the sample parts, Hennecke will also be presenting an important innovation in the area of machine technology. This includes a new discharge system for continuous applications in sandwich panel production. During the development, focus was placed on the way in which the liquid raw material mixture is dispensed within the production line. In the continuous production of sandwich panels, the new discharge system makes it possible to significantly increase the mechanical quality and thus the insulating properties of the PUR rigid foam.

Another innovation is a piston metering unit for dosing abrasive pigments, chemically aggressive additives or additional components containing fillers. The compact unit is available as an integrated metering line within the Hennecke metering machine portfolio. Alternatively, customers can also obtain the multifunctional unit as an independent add-on with its own control panel that can be retrofitted to a wide range of high-pressure machines in the market.

A presentation of the extensive mixhead portfolio cannot be left out at any Hennecke trade fair stand. The development and manufacture of high-pressure mixheads requires a high level of expertise and many years of experience. Hennecke manufactures its mixheads in full in its own factory halls – this is a first in the European competitive market. This year, the PUR specialists will give trade fair visitors a striking, interactive insight into the inner workings of high-pressure mixheads.

Hennecke can also score points in the area of after-sales. Hennecke's 360° Service will present its comprehensive support services based on a state-of-the-art digital infrastructure. This includes a live demonstration of the 360° Service Portal, which now contains a further expanded range of functions. In conversation with customers, the service experts aim to provide information about the various tools available for production and process monitoring.

Above all, communication is the focus in the 360m² exhibition area, which has consciously been designed to be open and modern. On two floors, Hennecke will invite the trade fair visitors to celebrate the company's 70 year anniversary together and to find out about Hennecke's entire portfolio. On the first floor, an international team of experts from all areas of application will talk to customers and potential customers individually, while on the ground floor, the machine manufacturer will provide a practical presentation of Hennecke's technological diversity and will also come up with a range of additional surprises.

Further information and press contact

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