P R E S S R E L E A S E

Las Vegas - The perfect location for pur(e) output

The production capabilities of Hennecke's Polyurethane-Composite-Spray-Molding (*PUR-CSM*) Technology are getting more and more popular among PUR-Producers worldwide. Gaining world leadership in PUR composites technology is no reason for the Hennecke composites engineers to stop their innovative path forward and to continuously develop new technologies. One of these innovative examples is the development of a new high output range spray head. The ACMA 2010 Composites Show in Las Vegas Nevada was the perfect location for the world leading PUR machine and equipment supplier headquartered in Germany to perform their market introduction.

Which location would be better suited to introduce products of bigger and better performance than the metropolis of unlimited possibilities, whereas everything seems inspiring?

The new high output spray head is expanding Hennecke's mixhead product range and thereby giving PUR-Producers of bigger composite parts which require higher output ranges best possible production results.

With an output rage of more than 1000 g/sec (PUR-mixture with chopped glass fibers), the MN14-2 CSM spray head is perfectly suited for large glass fiber reinforced PUR parts in e.g. the boating and automotive industry. When developing this new innovative spray technology, the Polyurethane experts made sure that the well known benefits of Hennecke's CSM Spray technology remained in focus.

The new spray head offers the producers the individual glass fiber feeding control as well as the

distinctive and significant self-cleaning feature of the Hennecke CSM spray heads.

Besides the high requirement for production flexibility, reproducibility, and efficient material usage, the use of Hennecke's PUR-CSM Technology provides further important benefits and advantages for its users: By its modular design CSM gives the possibility for producers to combine different technologies – the essence of composites. E.g. the modular addition of the chopped fiber technology can be implemented directly at production start or can be retrofitted later depending on production and technology demands. This enables customers to plan their investment when their production demands it or when new products are needed. Expandability and flexibility are current requirements of the market. The new spray head gives customers this important expandability with its modular retrofitable glass chopping system. Without the chopping system, the MN14-2 is capable of delivering continuously up to 800 g/s of PUR chemical mixture.

Besides the new high-output spray mixhead, Hennecke was able to convince customers of its innovative capabilities by providing a variety of high quality sample production parts during this year ACMA Composites Show. Of special interest was the roof module from the Magna-Decoma production as well as the roof module of the exclusive Artega GT sports car which is made of an all Polyurethane exterior body.

The positive reaction of the visitors as well as the general attendance at the ACMA show left the Hennecke representatives with a positive impression of this years ACMA event: "Especially the show in Las Vegas was attended by many decision makers, which were looking for innovative and new technologies, which can give their company the so much needed market-edge to compete on this fast pace composite market" said Jens Winiarz, Sales Engineer PUR-CSM. Also Hennecke's Sales-Manager for the NAFTA-Region, Lutz Heidrich, was pleased about the positive feedback: "We had many very interesting technical discussions and we are looking forward to the continuation of our talks over the coming weeks".

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