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**PRESS RELEASE**

* **BBG and Hennecke present Glassline, the world's first PUR casting machine specifically designed for the encapsulation of vehicle windows**
* **BBG offers innovative one-stop shop solutions for glass encapsulation**

*Mindelheim, 24 of November 2015.* BBG and Hennecke, the two polyurethane (PUR) specialists, are pleased to present Glassline, the world's first casting machine that has specifically been optimized for encapsulating vehicle windows. The innovative machine is manufactured at St. Augustin, Hennecke's headquarters, in accordance with their tried and tested quality standards. Since the beginning of 2015 when they started to cooperate within the project, BBG has already sold four complete systems to automotive glass processing companies in Hungary, the Czech Republic, China and the USA.

**Glassline allows for encapsulating 80% of all automotive glass grades**

Glassline 650/270, the standard version of the two-component machine, is designed for a maximum output of 650 cm3/s polyol and 270 cm3/s isocyanate. This allows for encapsulating around 80 percent of all glass panes in passenger and commercial vehicles. The offering also includes special Glassline versions with different blending ratios and output levels for glass used in convertible soft-tops.

**Mixing head with flow-optimized nozzle geometry**

Glassline is equipped with a type MT 12-2 mixing head from Hennecke, featuring a nozzle that has been designed to optimize flow characteristics. This results in an optimized mixing result. At the same time, the components polyol and isocyanate can be fed at lower pressure so that energy consumption is reduced by 30 percent in comparison to conventional models. An adapter can be used to mount the mixing head without any problems on any of the molds available in the market.

Due to its modular design, the Glassline machine requires a particularly small footprint. It can be easily expanded to allow for the installation of up to eight molding stations. All process parameters are recorded and documented by default so as to facilitate end-to-end quality control.

**BBG now is the one-stop shop for end-to-end glass encapsulation solutions**

Thanks to Glassline, BBG now is able for the first time to offer end-to-end solutions for encapsulating automotive glass from a single source, while Hennecke uses the innovation to access customers in a new branch of the industry. Due to the close cooperation between the two partners and their joint standards, BBG is now in a position to ensure a consistently high level of quality for complete lines. So far, the company has only been able to offer this guarantee only for the mold carrier systems for polyurethane processing that BBG has developed and produced successfully at Mindelheim/Germany and sold the world over.

Hans Brandner, the managing partner of BBG, is convinced about the market opportunities of the innovation: "Glassline is a technological high-end product, the only one of its kind in the world. It combines Hennecke's comprehensive experience in terms of reaction molding machinery and our long years of expertise regarding the encapsulation of automotive glass. In this way we define a new standard for glass encapsulation."

**BBG’s customers are active the world over**

BBG GmbH & Co. KG, a manufacturer of molds, machinery and plants, is a renowned specialist for the plastics-processing industry, focusing on polyurethane. BBG, the family-owned business, which is located in Mindelheim/Allgäu and is run by Hans Brandner, the managing partner, supply their products to their customers all over the world, with the Asian market playing an important role in addition to the markets in Europe and North America. With a headcount of 80, BBG expects to generate sales to the tune of 13 million euros in 2015.

**Photo:**



BBG and Hennecke, the two polyurethane (PUR) specialists, are pleased to present Glassline, the world's first casting machine that has specifically been optimized for encapsulating vehicle windows. (Photo: BBG GmbH & Co. KG).

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