



BP 116 – 26103 ROMANS SUR ISERE CEDEX – France
Phone : 33 4 75 72 72 75 - Fax : 33 4 75 02 11 73
www.baule.com – info@baule.com

Baulé at UTECH Europe 2012 :: Stand 1650

Overview of our company's main activities and products :

The Baulé company represents a unique offer of skills combining cast polyurethane system formulations and low pressure dispensing machine manufacturing.

Baulé offers a wide spectrum of cast polyurethane systems as well as very innovative chemistry.

Regarding machinery, Baulé offers cost effective and flexible casting solutions to industrialise all scales of cast PU production with the highest reliability.

Information regarding products we plan to present at UTECH Europe 2012 :

MACHINES HIGHLIGHTS

From the most cost effective machine to the most flexible casting unit, Baulé offers solutions to industrialise all scales of cast PU part production with the highest reliability. The low pressure dispensing machine range includes equipment of an original design with 2 to 6 components and 0.1 to 500 kg/min output.

UNIVERSAL MACHINES WITH FILLERS PROCESSING

A smart and sharp processing tool to be displayed over the show

To illustrate this flexibility, BAULÉ will present a specific 3-component Universal Machine with output up to 10 kg/min. This machine enables the processing of versatile 3-component systems – either Quasi-MDI or TDI-blend based systems reaching both a range of hardness - continuously fed with degassed raw material. Furthermore, this sharp and smart machine is equipped with additive and pigment injection and is able to process cast PU raw materials that include up to 40% of fillers with precise metering. Thanks to the implementation of this specific line equipment, Baulé machines enable the use of recycled cast PU particles to produce parts that do not require high performances properties.

NEW EQUIPMENT FOR AMINE CURATIVE PROCESSING

Secure, versatile and user-friendly devices

Due to the specific conditioning of some amine curatives, the Baulé company proposes dedicated equipment either for hand processing or together with a dispensing machine. Both devices guarantee a secure handling of various amine curative pellets or granules : no direct contact between the product and the operator and no dust emission while processing.

Hand processing device

The hand processing device combines a reactor to heat and melt the material with a digital scale. It enables to program the quantity of liquid amine curative to be delivered without any handling.

Machine processing device

The machine processing device combines a glove box with a melter adaptable to all Baulé machines. The vacuum based system of the glove box allows the transfer of all kinds and sizes of pellets.

SYSTEMS HIGHLIGHTS

Baulé offers the widest possible spectrum of castable polyurethane systems based on almost all Isos and polyols available as well as very innovative chemistry. The systems range covers all the conventional cast PU formulations with TDI, MDI and Quasi-MDI, NDI and PPDI based prepolymers in both ether and ester as well as polycarbonate series.

MERCURY-FREE SYSTEMS

A full range of MDI based systems with improved properties and easy processing

To date, the catalyst of MDI based systems is mostly Mercury based. Baulé launched a few years ago a major development project with the goal of mercury-free catalysed systems. The purpose was to develop a solution with comparable mechanical properties than the mercury-based systems and also the same processing advantages : long pot-life and short demoulding time. This new generation of mercury-free MDI based systems is available in both ether and ester series and in both full and quasi technology. The hardness of the series ranges from 55 ShA to 55 ShD, while the pot-lives last several minutes. The main advantage lies on the short demoulding time, enabling increased productivity. The new mercury-free MDI based systems have already been successfully field tested by customers and demonstrate the described advantages : good mechanical properties, long pot-life and short demoulding time.

Contacts :

Vincent Foechterlé - TEL : +33 4 75 72 72 75 - E-mail : info@baule.com