

# UPDATE

*Fragrance & Cosmetics*

**GERRESHEIMER**

October 2018



Fire-polishing to optimize the bottle surface

## WELCOME



With its crystalline and flawless character, glass packaging is the perfect ambassador for its precious contents on the perfume and cosmetics market. What's more, decorating glass bottles presents virtually limitless possibilities when it comes to portraying a brand message. This is precisely why we have made investments in our cosmetics factories. By increasing capacity and acquiring new machinery, we are already able to offer many new ways for you to embellish your product. We will extend this offer even further by mid-2019.

**Dr. Lukas Burkhardt**  
Member of the Management Board  
Primary Packaging Glass Division

## Gerresheimer invests in decoration

### More variety, more capacity

Thanks to Gerresheimer's recent investments in decoration, the creativity of our customers is no longer restricted. Completely different brand images can be created from the very same basic bottle using the most versatile finishes or by combining the various options.

More modern and even more options to choose from – with its new decoration options, Gerresheimer can help customers to

streamline their complex processes, reducing the costs of producing their cosmetic products. The new holistic concept goes hand in hand with a similar production and process structure at our two "Centers of Excellence in Perfumery & Cosmetics" at the German Tettau plant and at the Belgian Momignies plant. This allows Gerresheimer to offer each customer the perfect customized solution.



The new decoration department at Tettau

## PAD PRINTING



## Traditional decoration processes

As part of the new concept, we have overhauled, standardized, and expanded the **screen printing** process in Tettau and Momignies with the addition of high-performance CNC printers (single- and multi-color). **Pad printing** is still being offered in conjunction with further steps in the decoration process, such as combining base printing with body printing. This goes hand in hand with the expansion of our inspection concept using inline cameras directly inside the printing machine. **Color spraying** is already available at our Momignies factory and will also be offered in Tettau from 2019. Tettau also offers the possibility of **acid etching**, a process that produces an unrivaled "silk-matte" surface on both cream jars and perfume bottles.

## Added value for our customers

In the interests of a connected process chain, we can now also include further process steps within the scope of screen printing such as the **assembling of plastic inserts** in the bottle neck – a significant added benefit for the customer. Another example of a process improvement that helps customers is the new **labeling line**, because including labeling on the filling line can lead to reduced productivity for customers. From the first quarter of 2019, we will also be able to provide bottles with **a variety of applications**. With a special combination of hotmelt and UV glueing, materials such as metal or wood can be applied directly to bottles.

We are also working with a network of external suppliers that are all integrated into our quality system. This covers order peaks and completes our product portfolio of **lasering**, **metalization**, **sublimation**, and **digital printing**, for example.



## LABELING



## SCREEN PRINTING



## HOT FOIL STAMPING



## COLOR SPRAYING

## ACID ETCHING



## Moulded Glass Cosmetics

### TECHNICAL FEATURES

- Glass colors: flint, amber, opal in the furnace; several lines for feeder coloration
- Glass machines: single, double and triple gob
- Production process: 1-step pressing (jars), press/blow (jars), blow/blow (bottles)
- Flexibility within the Group: all molds/machines have the same standard
- In-house mold shops
- All plants are ISO certified; production according to HACCP and GMP cosmetic standards optional
- Fire polishing

### IN-HOUSE FINISHING

- Multi-color screen printing (organic, ceramic, UV inks)
- Pad printing (also on the bottle base)
- Color spraying (also multi-color)
- Acid etching
- Hot foil stamping
- Neck finish sealing (thermosealing)
- Labelling
- Assembling



## OPAL GLASS





We were very enthusiastic about the idea of a smart eco-friendly shampoo packaging and are proud of the result. The square-shaped shampoo bottle holds a maximum amount of product in a minimum amount of plastic and is efficiently stackable for an environmentally-friendly transport.



**Pilar Sanchez Bascuas**  
Senior Sales Manager  
Gerresheimer Zaragoza

## Gerresheimer is committed to environmental concerns

Recently L'Oreal has launched a new brand on the market called SOURCE essentielle and commissioned Gerresheimer Zaragoza to manufacture this iconic bottle for their brand. The new personal care product consists of natural ingredients with flower petals or leaves inside the bottle and between 80% – 96% of the ingredients consist of natural origins. It was important for L'Oreal to have the new brand in a packaging solution, where the environment was taken into consideration by minimizing the amount of plastic.

The bottle is designed with a hole in the bottom making it possible to stack the bottle with the top from one of the other bottles. This ensures a more effective packing of the products which also means that the CO<sub>2</sub> emission is being reduced.

Besides recycled materials we are also motivated to help you contributing to the reduction of greenhouse gas emissions, and thereby protect the environment and avoid unnecessary waste, by using biomaterials (such as sugarcane).

- Products made of biomaterials have exactly the same characteristics as a conventional product
- Can be used on existing filling and packaging lines and does not require new investments
- Fully recyclable
- Biomaterials are the renewable alternative to conventional PE/PET
- By using this biopolymer we can contribute to reducing the level of gas emissions (CO<sub>2</sub>)



The bottles can be refilled up to three times. For more information please click on [www.lorealprofessionnel.fr/source-essentielle](http://www.lorealprofessionnel.fr/source-essentielle)

Gerresheimer Zaragoza is committed to environmental concerns and we offer PET ranges with different mixtures of post-consumer recycled materials. We are capable of offering recycled material from 25% to 100%.

## Personal Care Plastic Packaging

### TECHNICAL FEATURES

- ISBM technology
- PET, R-PET, BIO-PET
- Colored, transparent, translucent and opaque bottles
- Offer different mixtures of post-industrial or post-consumer recycled materials
- CAD design software
- ISO 9001

### DECORATION

- Silk printing
- Hot stamping
- Varnishing

Please send your feedback to: [info-cosmetics@gerresheimer.com](mailto:info-cosmetics@gerresheimer.com)

Imprint: ©Design and editing Gerresheimer Group Communication & Marketing

Klaus-Bungert-Str. 4 | 40468 Duesseldorf, Germany | Jens Kuerten | Phone: +49 211 6181-250 | Fax: +49 211 6181-241

[www.gerresheimer.com](http://www.gerresheimer.com)