UPDATE

Primary Packaging Asia



GERRESHEIMER

Customer Newsletter February 2020

Gerresheimer Plastic Packaging has opened two new plants in India and China



The new Indian plant in the city of Kosamba aims to bolster production capacity to help cope with the high demand for Triveni round containers.

With the second site up and running in Kosamba and the warehouse in Hyderabad, the time taken to deliver products to customers, enhance supply performance, cover a wider area, and ensure business continuity can be significantly reduced. The production of Triveni round containers has begun and we are looking forward to meeting our customers' needs and demands with our two plants in India.

Next in the pipeline is a new production facility that is being built as a greenfield project on the same industrial park.

The new plant in Changzhou, China will help satisfy the high demand for our primary packaging and meet the needs of our customers and partners.

This new plant will be operating in class-9 and -8 clean rooms. The Food and Drug Administration (FDA) has just approved the US type containers for the US market. A Drug Master File (DMF) number has also been assigned to the Triveni site in India, meaning our customers can now use containers produced in Changzhou for the products they export to the US.

The Changzhou plant is also in the process of getting the Center for Drug Evaluation (CDE)'s approval for the locally manufactured containers to also supply the local Chinese market with high-quality plastic primary packaging.



Furthermore, Gerresheimer Changzhou was certified to ISO 9001:2015 in November 2019.



Second CBF line is up running in Kundli

The second CBF (Compression Blow Forming) line in Kundli has now been fully set up and commercial production has started. This second CBF is dedicated to producing both low- and high-weight 100cc containers. Size references are limited as the benefit of this technology is that it can produce a high volume of individual items. The new CBF was manufactured in Italy and was installed and verified in time for the Diwali holidays in October 2019. This will support the growing demand for the 100cc range.



GLASS PACKAGING

Gerresheimer Moulded Glass India (MGI) starts to develop type II bottles for its customers

Gerresheimer has the broadest product range available on the market. As the Center of Excellence for the production of type II glass, the company's plant in Kosamba has started developing type II bottles and soon will be able to offer parenteral solutions for type-II pharmaceutical primary packaging market to meet the high expectations and demands of its customers. In doing this, Gerresheimer can fall back on a variety of hardening and tempering methods which will allow the smallest bottles for injections as well as typical infusion bottles with larger volumes to be produced. Guaranteed glass quality and hydrolytic resistance in line with type II glass is the top priority here. Type II glass is subject to a special surface treatment process known as interior hardening and tempering, which makes its surface less prone to leaching caused by alkaline solutions. It is the best option for most parenteral drugs. For many years now, Gerresheimer has been producing pharmaceutical bottles made from type II glass for drugs administered parenter-

ally by injection or infusion. Gerresheimer MGI will focus on further developing its capacity and expertise and will make a sizeable investment in state-of-theart self-learning testing lines, among other things.

Sales Office in South-East Asia for Pharmaceutical Primary Packaging Products

Gerresheimer is strengthening the company's position in South-East Asia by opening a new office in Singapore with core objective of serving the South-East Asia region.

We are located at:

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Capacity of type I products increases

MGI has increased the capacity of its type I bottles. We have started manufacturing type I bottles ranging from 2–600 mL in order to cater to our customers' requirements for larger options.

600 mL

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Manoj Kumar Singh is new Plant Director of Gerresheimer Tubular Glass India (TGI)



Mr. Manoj Kumar Singh has been appointed as the new Plant Director for Kosamba Tubular Glass Plant. Mr. Manoj has a wealth of experience, with 23 years in

plant maintenance and project management, and as Head of Operations. With his rich and varied experience in manufacturing, operations, and projects, Mr. Manoj will support TGI in improving quality, productivity, cost, and scrap, and will help take machine availability to the next level

Astrie Indha – Appointed for Sales and Business Development, Indonesia



Ms. Astrie Indha Lestari has been appointed as the new Assistant Manager – Sales and Business Development for South-East Asia with effect from October

2019. She will be operating from Jakarta, Indonesia and will have greater proximity to our customers. Our customers in Indonesia can directly contact her at the following e-mail address:

astrie.lestari@gerresheimer.com

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