AGI GLASPAC

a wide range of containers for the market’s packaging needs

A PIONEER IN CRITICAL PACKAGING APPLICATIONS

AGI glaspac was established in the year 1972 and manufactures high quality glass containers of exceptionally high quality standards to meet the packaging needs of the food, pharmaceutical, soft drink, liquor, cosmetic and other industries. The company’s factories are located in South-Central India, close to the

With state-of-the-art technology, more than 40 years of activity, and a consolidated team of experts, AGI glaspac is considered as one of the top manufacturers of glass packaging for a wide range of uses, catering to a large and demanding customer base, with a product range comprising of flint, amber and green containers.
raw-material sources and the fast growing markets. AGI glaspac is the largest manufacture of container glass in South India and is the second largest manufacturer in the country.

It has played a pioneering role in the development of glass containers for many critical packaging applications for many of the industries in the country. Over the years, the company, which has built up an excellent reputation for quality, has catered to a large and demanding customer base with a product range comprising of flint, amber and green containers.

AGI’s manufacturing facilities are extremely modern and have the state-of-the-art technology to achieve high levels of productivity and quality. The company’s product range varies from small 5 ml pharma bottles to 4,000 ml chemical and food jars.

Thanks to the addition of colouring forehearth technology at its Bhongir plant, AGI is in a position to provide glass containers in various colours, offering great marketing advantages from a branding point of view.

AGI has fully integrated operations between its in-house Design Studio, Mould Manufacturing, ACL (Applied Ceramic Labelling) facilities, enabling the manufacture of quality products and timely deliveries.

Company products are delivered to both multinational companies in North America, Europe, Africa and APAC regions, as well as large Indian companies, covering various business segments.

EXPERTS AT ALL LEVELS
AGI glaspac is run by a team of experts headed by R. K. Somany, who is the Chairman & Managing Director. The Joint Managing Director is Sandip Somany, while the President is Arun Kumar D.

AGI employs technically competent and highly qualified senior and middle management personnel for the functional areas. The workforce is well-trained and experienced in all the parameters of manufacturing and administration. All technical and administrative personnel are provided with in-house training programs that are conducted to integrate their job knowledge with the best industry practices to meet the highest quality standards.

ULTRA-MODERN FACILITIES; COMMITMENT
AGI glaspac opened its ultra-modern factory with state-of-the-art facilities at Bhongir in Andhra Pradesh in 2009. This is one of the largest furnaces in the world, and the largest in all Asia, involved in amber container production. The second furnace started production in March 2012, making this India’s largest container glass manufacturing facility in a single location.
The plant has been audited and approved by SAB Miller, UB, Carlsberg, GSK Pharma, FDC Ltd, Dr. Reddy's Lab, Hetero Pharma, Molson Coors US, Blackmores Australia, Rhodes Foods SA, for both the Indian and overseas markets. The plant has technical collaboration with Weigand Glass of Germany for technology and training.

AGI glaspac is known for its commitment to develop new products for its customers very promptly, sometimes reducing turn-around time to less than 10 days. The company’s dedicated and committed product development team is instrumental in achieving this and the process is supported by CAD/CAM technologies.

AGI has played a major role in the development of lightweight containers and is committed to working with customers to redesign their products without affecting the filling line performance. AGI also guides its customers in adopting the correct design parameters to reduce the weight of containers.

**SERVICES**

AGI glaspac is not only the leading manufacturer of high quality glass products in India but also provides other services such as screen printing, bottle coating, and glass packaging, right from the initial concept, design, and trial stage up to the final stage of the manufacture of glass containers.

**Screen printing**

AGI has the most modern and advanced screen printing facilities available in the country which involves the use of Strutz, Rosario, and Tecno5 machines. These machines are state-of-the-art and can print up to six different colours on a single bottle.

Today, AGI can print more than 1.2 million bottles per day.

**Coating**

Coating is a process that prevents mechanical damage to bottles during production, packing, and transportation. AGI has the necessary facilities for applying hot-end and cold-end coating on bottles, which not only prevents damage to customer filling lines but also enhances overall utility and safety until reaching the final consumer.

AGI has also installed hot-end and cold-end coating equipment for five beer bottle manufacturing lines, as well as hot-end and cold coating for three liquor lines.

**Packing development and options**

AGI has an exclusive and specialized in-house design team which ensures that customers are provided with diverse packaging options to choose from. They are provided with complete support – right from the initial concept stage to the final stage, with state-of-the-art technology that uses the most modern methods for ensuring proper packaging without damaging the bottles.

**Mould Shop**

AGI has achieved considerable experience and expertise in mould fabrication. Skilled manpower with CAD-CAM and CNC technology have been key in delivering products in the shortest time possible to meet customer expectations and deadlines.

**Quality Assurance**

At AGI glaspac Quality Assurance is an integral part of the manufacturing process, ensuring that products meet customer requirements. AGI employs advanced testing equipment such as Emhart INEX Inspection Machines, Camera Vision Inspection Machines, Online Squeeze Testers, AGR Thickness Testers, AGR Ramp

MANUFACTURING

AGI is committed to producing superior quality products and has world class manufacturing facilities with the most modern technology for the manufacture of glass. These high class state-of-the-art manufacturing facilities enable the company to achieve high levels of productivity and quality.

Process Flow

Glassmaking is a complex process that involves many intricacies. The accuracy and precision with which each step is carried out determines the quality and durability of the final product.

Manufacture of glass undergoes the following Process Flows:

- mining, processing and purchasing of high quality raw material from national and international sources;
- mixing of raw materials in automatic batch houses;
- melting and conditioning in highly sophisticated glass furnaces and forehearts;
- container formation on fully automatic electronically controlled IS machines;
- hot-end coating and stacking in annealing lehrs and coating at the cold end, online inspection;
- inline packing;
- warehousing;
- transportation.

Process

Raw materials comprising minerals, manufactured chemicals and cullet (recycled crushed glass) are checked thoroughly to ensure that they conform to the quality standards. They are then collected at the batch house which is the starting point of the glass manufacturing process. Sourcing of superior raw materials, their processing, handling and mixing are crucial in the production of quality glass containers.

Technology

Glass manufacturing also involves the optimal use of technology and manpower. The accuracy level needed in this process requires cutting-edge technology to be employed in a sustainable manner. AGI glaspac provides the best quality products thanks to employing the most modern technology from globally famous names:

- Batch House: Zippe
- Furnace: Sorg
- I/S Machine: Emhart
- Hot End Handling: Sheppe
- Lehrs: Pennekamp
- Inspection Machines: Emhart
- Moulds Suppliers: Toyo Glass, Strada
- Q.C. & Testing Equipment: AGR.