

India's high speed pharma glass forming machinery specialist

Italy-based OCMI-OTG specialises in machinery for the production of tubular glassware for the pharmaceutical industry. Recognising the growing potential for business from India, OCMI India was established in 2006. Its original purpose was to serve Indian customers of OCMI and Moderne Mecanique and to focus in particular on glass vial making machines, as Tushar Majmudar explained to *Glass Worldwide* (preferred international AIGMF journal).

"After progressively developing advanced quality assurance procedures and knowhow, OCMI India now represents a fundamental entity within the OCMI Group, providing its machines and service to the most important multi-national groups established in India" explains Tushar Majmudar, CEO of OCMI India.

With over 20 years' experience in the management of technical and administrative aspects of engineering companies, Mr Majmudar enjoyed a personal and professional relationship with both OCMI-OTG and its President, Michele Gusti dating back long before the foundation of OCMI India. Having now managed the business for over 10 years, Tushar Majmudar has overseen impressive growth for the company, which is now established as a leading Indian supplier of pharmaceutical glass processing machines, with more than 40 employees and a recently extended production area that includes latest generation equipment.

High speed machine innovation

After painstakingly developing quality consciousness and consequently, quality assurance procedures and a quality control department, OCMI India is now working with the latest models in the design of forming machines. "Jointly with OCMI-OTG Italian Technical Dept, we have recently developed a new high speed indexing vial forming line that meets European standards in technology, production and quality" Mr Majmudar explains. "It doesn't only produce vials

at a high speed but also checks the vial when it is produced so that quality is maintained by operators at all times and the yield of production is at a maximum."

The TAM-114 indexing vial forming machine represents the start of the next generation of vial forming machines, intended to overcome the limits of the Indian market and explore opportunities worldwide. TAM-114 presents innovations in main mechanical, electronic and pneumatic components and specialist devices that improve tube processing. This also helps to obtain the best final product from the point of view of hydrolytic level.

The machine is controlled by user-friendly touch screen, while the oil pump for the lubrication of forming tools and all pneumatic components are of European origin. Completely redesigned piping and cabling has been realised, with particular attention paid to safety conditions.

The lubrication system allows oil to

be sprayed from the inner side of the mouth forming plunger with cleaner working conditions as a consequence.

Mechanical improvements were applied in critical operations like glass tube bursting and cutting, where emissions produced during these operations must be removed as much as possible from the tube's internal surface. This is why movable internal and external cutting burners and a movable bursting burner were also developed, in order to minimise flame action time on the glass and to keep alkalinity within acceptable limits.

In addition, the TAM-114 machine was also adapted for connection to the Roboglass automatic loader and for the installation of a latest generation Optivial camera inspection system for dimensional control. This system was developed for use with all OCMI European forming machines.

A dedicated post-forming line has been designed for use with two TAM-114 indexing machines, with important innovations linked to vial transportation inside the annealinglehr. The standard configuration of this model LF-516/114 line will include two forming machines to achieve a total output of about 3800 pieces/h.

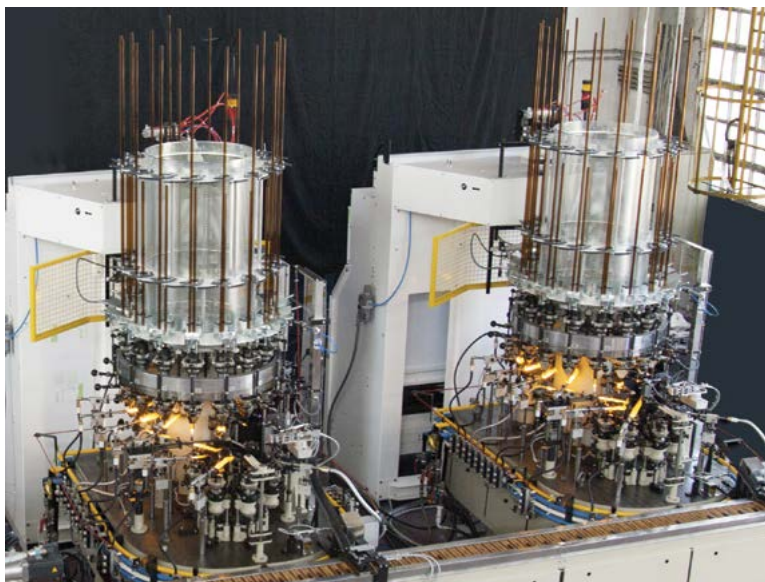
Refurbishment service

For the ampoules market, the quality orientation, process and quality control characteristics allow OCMI India to refurbish European-made ampoule machines like OCMI FA-36DS and Moderne Mecanique MM30 equipment using original European parts. OCMI India engineers have been trained in Europe and the company is certified a refurbisher for MM30 machines in India, working in conjunction with the complete design and quality standards of Moderne Mecanique and under the guidance of OCMI-OTG.

"We also produce horizontal dental cartridge machines and test



The OCMI India workshop in Ahmedabad.



OCMI 16-station index vial machine.

tube forming machines” Tushar Majmudar confirms. “These machines are produced as per customer requirements and their specific needs. We react very well to serve the changing demands of the local glass container industry and OCMI India has reached many milestones since 2006 in the fields of technology, quality and new product development.”

According to Mr Majmudar, the main goal of OCMI India is to continue its growth in this direction and to supply the best commercial and technical support to customers within and outside India’s borders. ●

About the author:

Tushar Majmudar is CEO of OCMI India

Further information:

OCMI Glass Machinery Manufacturers India Pvt Ltd,
Ahmedabad, India

tel: +91 79 25834010/11

email: ocmi.india@ocmigroup.com

web: www.ocmigroup.com