

OLIVOTTO GLASS TECHNOLOGIES

entering the Polish market



Glass Machinery Plants & Accessories recently spoke to Elia Rizzi, Sales Area Manager at Olivotto Glass Technologies, to get an updated situation on the recent developments that the company is experiencing, with special focus on its most recent important contract – with Trend Glass.

Glass Machinery Plants & Accessories (GMP&A): What can you tell us about this recent big job for Trend Glass?

Elia Rizzi – OGT: The company, which has three big production units, is based in Poland, where it started with manual production...

The company's main production is pressed glass – so glasses, vases, etc. they also have two press-blow lines where they manufacture vases and glasses.

The biggest glassworks is in Radom, about 100 kilometres from Warsaw, where it has completely automatic production, with 12-13 production lines. There is also a second production unit dedicated entirely to manual production.

The third production unit is at Szydłowice, which started

with manual production and was transformed into an automatic production unit. In 2017, they carried out an important investment, going from 50 tons to 150 tons.

The production unit previously had three lines and from there they decided to install two high-speed lines and – of course – rebuild the furnace. And this is where we enter the story – as the two high-speed lines are from OGT.

This is an important step for OGT but also for Trend Glass as all their other machinery is German-made. We are the first non-German company to have its forming machinery installed there.

GMP&A: Which machines have been used in these lines?

Olivotto Glass Technologies

OGT has been working in the hollow glass sector since 1946, when it began marketing its first rotary-type glass blowing machine. Research, innovation, on-going technological development have enabled the company to become a leading brand the world over, supplying turnkey systems and services made to measure for any production need.

Nowadays, the company is divided in two Business Units, as far as marketing and sales organizations are concerned. Each BU consists of a team of professionals and engineers committed to the specific field of operation. The two BUs are dedicated to the tableware, technical glasses and tubing, mineral wools market segments.

Currently, the Olivotto Glass Technologies Group is the leader in engineering, manufacture, installation and commissioning of hollow glass forming plants, systems and machines and is an all-round technological partner, that can address most effectively any problem to do with the production of a variety of glass articles like stemware, tumblers, dishes, bowls, lamps and bulbs, glass tubes, glass bricks, insulators etc.

The group ensures the perfect matching of all forming machines, combines with full assistance and services at each project stage, until the manufacturing process is on stream.

OGT: The first of these two high-speed lines is for pressed glass – a GDS 48/9 H4 – working with four gobbs, fed by two double gob electronic feeders with independent plungers for higher control of each single gob and parallel shears. The line has a last-generation OGT press driving system with a super-torque motor that enables to have super-fast movement and lower index time, equipped with servo-pumps hydraulic pressing units that guarantee lower energy consumption and higher energy savings. Last but not least, there is a fire polishing machine equipped with movable burners that also guarantee savings on the consumption of gas and oxygen.

This line can – depending on article size and weight – produce up to 200 items per minute – glasses for example.

The production at this glass-works is mainly glasses and candle holders.

The second high-speed we have installed is a O.90/18 SS press and blow line with 18 sections, all with servo motors, producing up to 100 items per

minute – glasses and vases – with sizes ranging from 50mm up to 350mm in height, with max diameter of 150mm. In these days they are working on vases of 200mm at 40 items per minute.

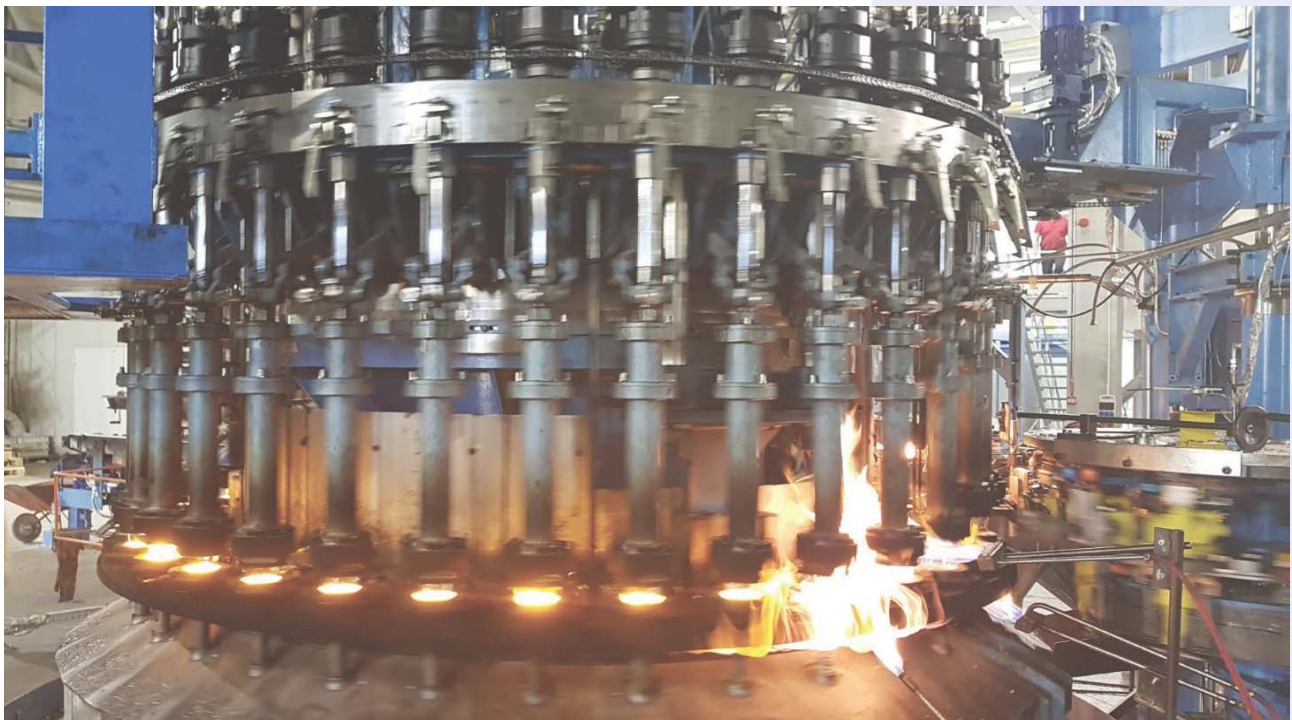
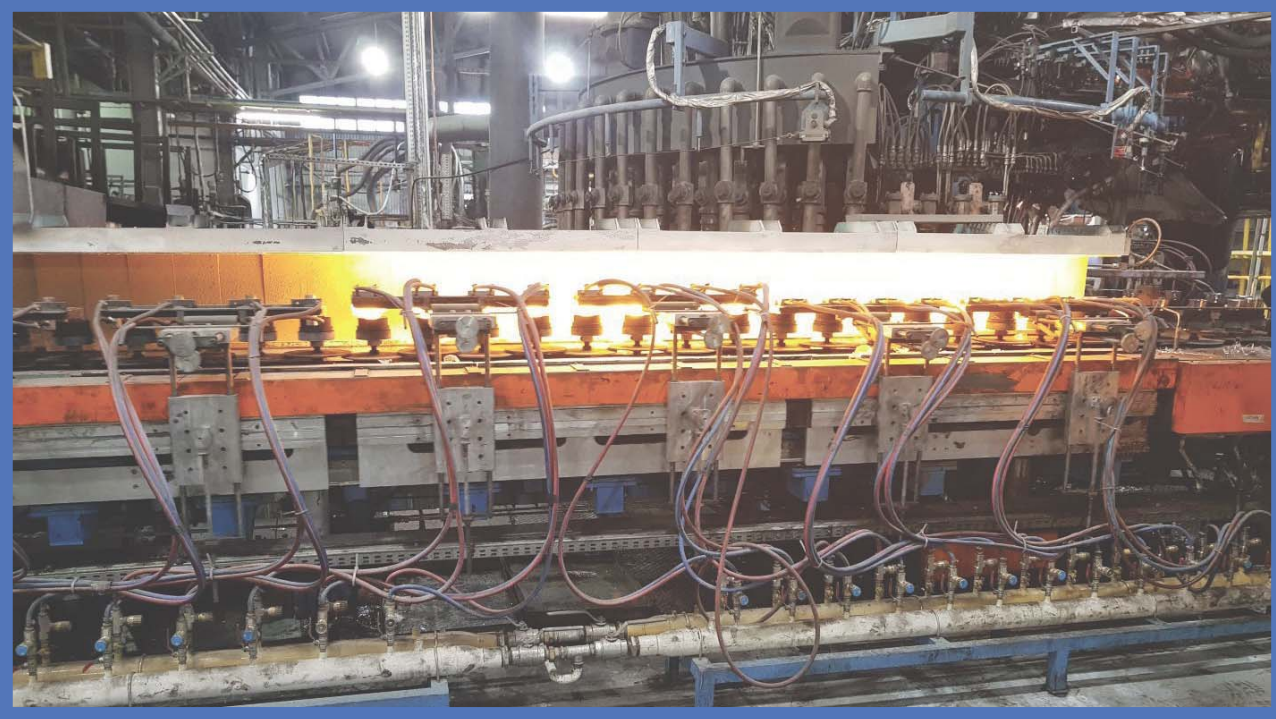
This second high-speed machine uses new technology – especially with regards to the motor, where the movements are no longer pneumatic and are much faster and more precise, especially with regards to the glass centring into blank mould, and its movement to the pressing position. Obviously, this leads to higher quality of the finished items.

We are actually discussing the possibility of another line to be installed in the near future ...

GMP&A: What about the other two factories? What kind of production do they use?

OGT: The Radom factory is focussed on pressed glass, while the other manual-production unit makes a 'bit of everything'! They are, however, thinking about changing the production in this





second unit to automatic in the near future.

OLIVOTTO'S MACHINES AND TODAY'S MARKET

GMP&A: Let's speak about Olivotto's machinery – in terms of performance

OGT: The machines that we have installed at Trend Glass are high-speed production machines – the

best that we have – with our most recently developed technology.

Right now at Olivotto, we can provide our clients with all the different possibilities with regards to the production of glass items, ranging from pressed, press and blow, all types of stemware with all its diverse production processes (such as stem-on-bowl, bowl-on-stem, welded and stretched,

one-piece-stemware), and centrifuged, for example. All this using any type of glass – soda lime, opal, borosilicate, etc.

GMP&A: What about this trend to change from manual to automatic, is it taking place globally or just locally?

OGT: We can see it mainly in Europe, where there are impor-

tant requests coming from glassworks that have principally manual production and want to change to semi-automatic or even automatic, due to the decreasing number of skilled employees and, above all, to cut costs.

And with our Turkish company Olinerkerk, we can supply from studies to the moulds for any type of production, as well

as assistance to the production of these items.

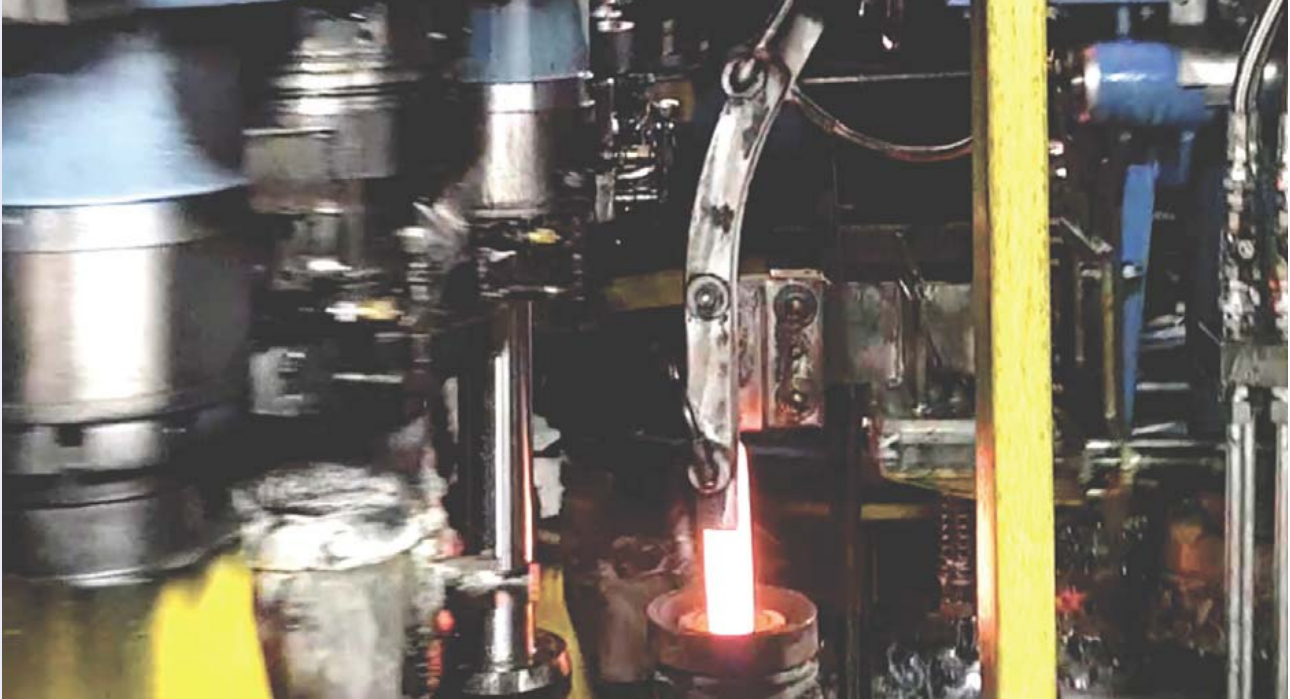
GMP&A: Do you see the need coming from manual glassmakers to move more towards automatic production?

OGT: We have received a number of requests regarding this type of production. Unfortunately, a single machine cannot make the

variety of items that you get from manual production.

GMP&A: Ten years after the take-over of Lynch and its machines such as the H28, what has happened?

OGT: We need to consider that this machine – the H28 – is an extremely solid machine but it doesn't have any electronics – it's





a purely mechanical machine. There are a great number of H28 machines still up and running around the world and the only reason for substituting them is based on the more modern 'electronic' method of working that we have now.

The H28 is made on request only, and in particular for markets in the Far East and developing markets. We are, in any case, seeing requests to substitute them with our O.90 machines.

In fact, we have sold our O.90 machines to Steklarna Hrastnik, Stoelzle, Spiegelau, Bormioli Luigi, Bormioli Rocco, RCR, Pasabahce, with at least 15 lines installed at Pasabahce.

GMP&A: What about the other areas of Europe?

OGT: As far as the rest of Europe is concerned, it is quite a traditional area with historical companies that focus mainly on their well-known production.

A line that is said to be under discussing in the area is automatic packaging – we have already

installed one of these lines in China.

We are actually discussing the sale and installation of these lines with some European companies where packaging is carried out exclusively by hand.

And this seems to be the trend right now – small step towards automatic lines.

In western Europe, we have sales in Italy and Spain, where new projects are being studied and where the entire sector is expecting growth and development in the near future. ■



OGT

OLIVOTTO GLASS TECHNOLOGIES

olivotto ATIS LYNCH LINDNER

OLIVOTTO GLASS TECHNOLOGIES SPA

Viale Gandhi, 22
10051 Avigliana (TO) - Italy
Tel.: +39 - 011 - 9343511
Fax: +39 - 011 - 9343593
E-mail: info@olivotto.it
www.olivotto.it