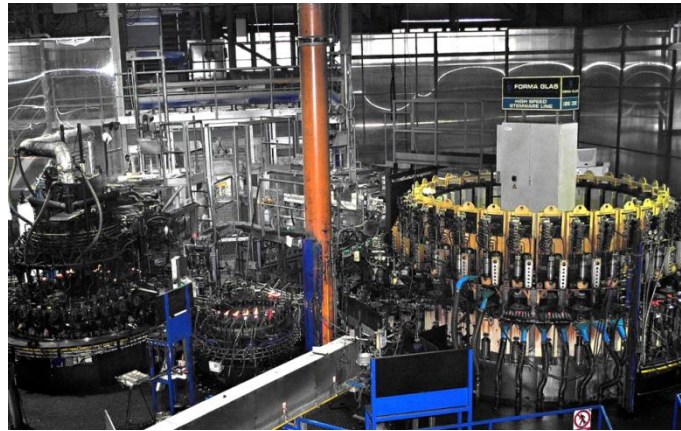


FORMA GLAS GmbH AUSTRIA - TIME FOR A NEW GENERATION

WORLD'S MOST UP TO DATE HIGH SPEED TUMBLER AND STEM WARE LINE

Forma Glas has at present the world's most up-to-date equipment for productions of table ware glass. The high speed tumbler and stemware line is made of 24-position press-machine for production of stems and feet, polishing machine and 32-position blowing machine for production of bowls. Press feeder uses double-gob feeding with simultaneous pressing by two molds. Later the polishing machine helps to clear away the mold seams.

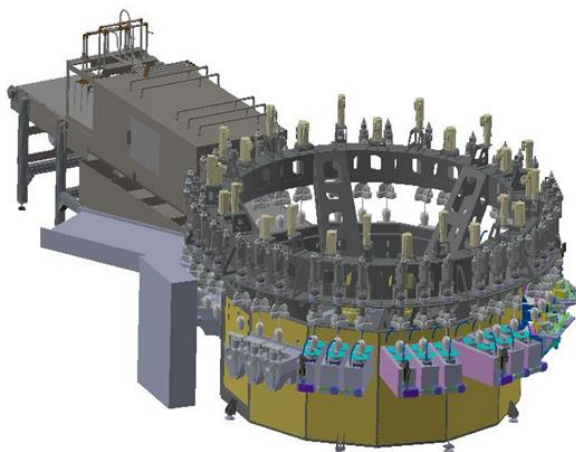


The production of bowls takes place at the blowing machine with double press and transfer station, followed by connecting the stem with the bowl. The production line allows for so called pulled-stem effect: parts of the glass are glued together, then the glass is slightly pulled and the joint is polished. The capacity of the new line reaches up to 65.000 tumbler/day and up to 55.000 stem ware/day.

NEW GENERATION MACHINES

ASA

Since this year Forma Glas has a **new generation of automatic crack-off machine with laser** for cold end, ASA 15, 28 or 39 stations to support our production lines.



TCS – TABLEWARE CONTROL SYSTEM

This new system is for the inspection of tumbler, stemware and pressed products. The **fully automatic** produce checking station placed at the end of the production line contributes to high profitability of the facility.

