



ATT CASE STUDY

Sound and glass protection
tunnel for brewing industry

www.att.eu

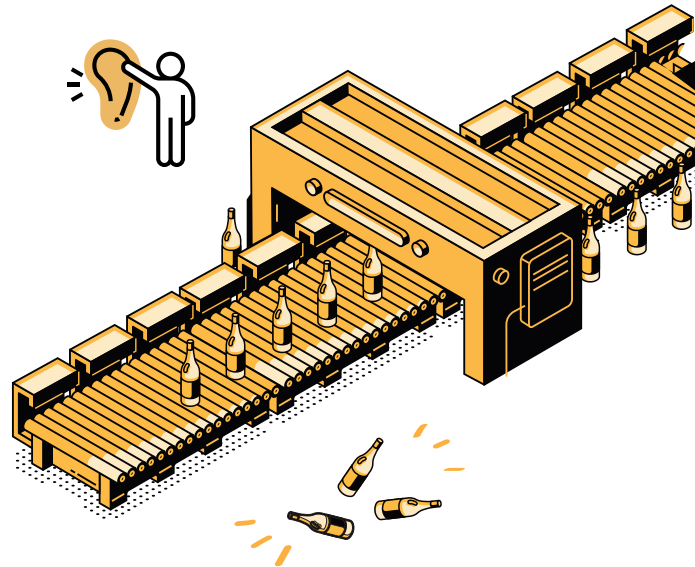
CUSTOMER

One of the global concerns producing beer and carbonated drinks.

PROBLEM

The problem was divided into three elements:

- Noise emitted by a bottling line exceeded acceptable level.
- Negative evaluation of safety and hygiene of production process due to repeatable bottle breaking accidents.
- High risk of product contamination by cullet from broken bottles.



PROBLEM ANALYSIS

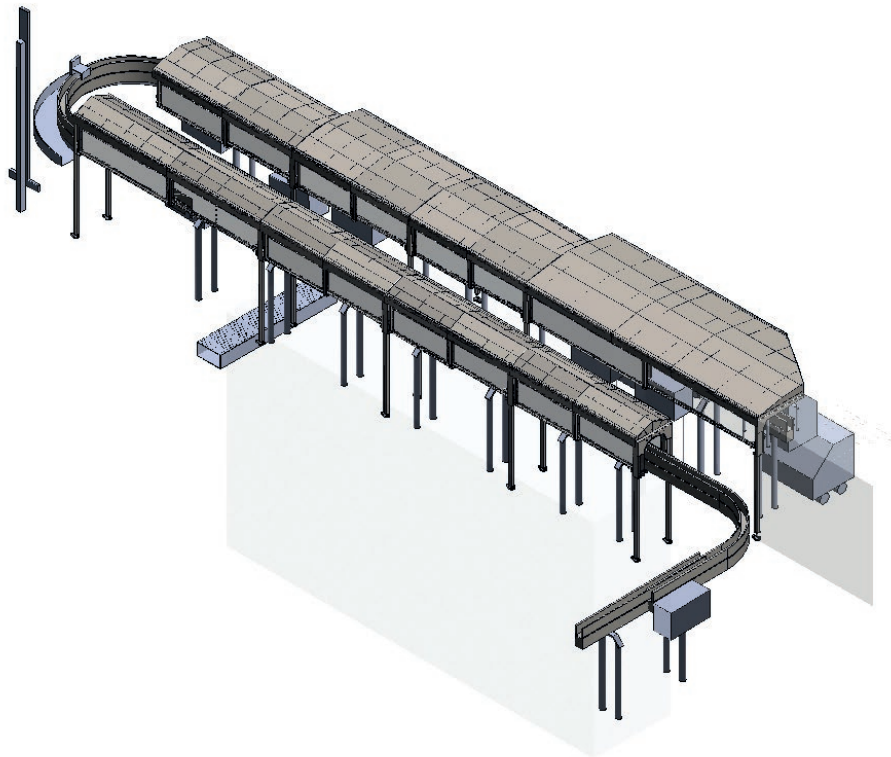
- The problem was defined by ATT's sales and production engineers during detailed conversations with the client. Inhouse Consulting process was carried out until key aspects were indicated.
- The bottling line sound analysis were performed by ATT in cooperation with experts from Cracow AGH University of Science and Technology.
- The second tests focused on bottles breaking process and its influence on safety and hygiene of the production line and products.
- The results were analysed by ATT's technologists and assumptions were reported to the customer.
- Simulation of a new protective structure (tunnel) was prepared and approved by the customer.



THE SOLUTION

As a solution the acoustic and protective tunnel was produced and installed.

- Design was fully dedicated to the operating bottling line.



- The project followed European Hygienic and Design Group quality guidelines.
- Stainless steel sheet type 316 was applied due to requirements of cleaning in place agent specification.



- All elements were tightly fitted to meet the needs of the hygienic work environment. No screws, sharp element etc.



- Safe, hygienic hanging doors.
- Fully secure and easy access for service teams.





www.att.eu
att@att.eu