

HEYE SPEEDLINE

NO. 1 IN

SPEED AND QUALITY

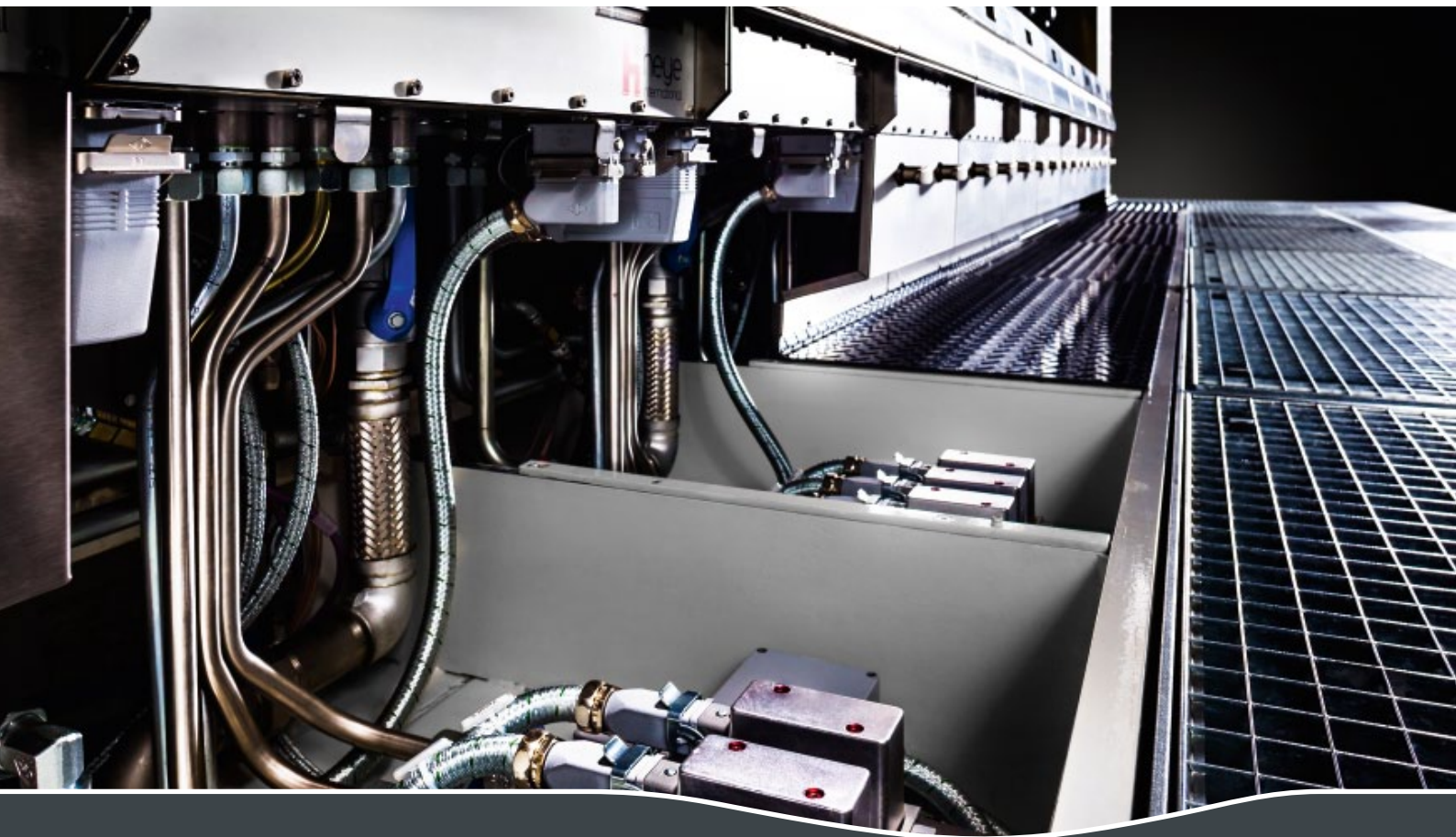
HiPERFORM



WE ARE GLASS PEOPLE

h heye
international

HIGH SPEED AT HIGH QUALITY PLUS SUPERIOR LIFETIME



Experts recognize Industry 4.0 as one of the major trends in every industrial sector. A multitude of projects in this field have been launched, and insiders expect the fourth industrial revolution to be implemented to its full extent in the coming decades. With Heye SpeedLine, we show our approach to adapt the best concepts to container glass manufacturing. In particular, the combination of advanced sensor integration and innovative data collection, processing and analysis guarantees production environments for maximum performance, highest efficiency and strict safety.

Safety

Safety is a key factor to ensure efficient production, especially in high-performance systems like our SpeedLine. That's why we take it so seriously and offer a number of ideas, features and tools to establish the strictest safety standards. Innovative sensor technology detects process errors within the section and reacts accordingly, minimizing disturbing downtimes. Automatic systems like a swabbing robot will complete the automation concept of the IS-Machine.

Total Forming Control

Features like total forming process control at both the blank and the blow side and additional safety devices like the blank side protection grid complete the range of functionalities aiming to increase the process and the operational security of our high-speed systems. Loading position monitoring at the blank side allows us to monitor the correct position of the plunger positioner during gob loading and the timely exit of the plunger just before opening of the blanks and transfer of the parison. On the blow side, an infrared sensor monitors the dead plate position for each cavity over the whole cycle of a section. In the event of abnormal heat radiation due to glass handling failures or demoulding the following gobs for the section will be rejected. Both features help to avoid section jam-ups.



Functionality and Clean Design

Enhanced functionality and a clean design protect your employees and increase the performance and lifetime of your equipment.

The elements we present on this area include:

- integrated cable channels
- universal casings for all Heye Pushers
- shielded energy chain between upright and conveyor body
- easy to clean housings
- strict contribution to HACCP concept as requested by most bottlers

High Quality at High Speed

A lot of improvements were necessary to increase production speed while keeping the highest quality standards. For instance, a separate exhaust air outlet optimises plunger cooling and guarantees smooth performance at higher production speeds.

The new arrangement of the injectors and air manifolds allowed a redesign of the piping to the section. This path optimization has a positive influence on the reaction time.

The newly developed Loadmaster delivery system presents a redesigned deflector adjustment, offering the IS-Machine operator the opportunity to convert easily from DG to TG, in addition to optimal gob loading.



Usability

The usability of the entire production system determines whether or not the possible performance can really be achieved. We support machine operators with various features, allowing them to do their everyday job at the highest level of speed and reliability.

From the intelligent user interface with its graphical touchpad to the smart and convenient job change and easy access for maintenance tasks, our SpeedLine is not only designed for the results it produces but also for the people who take part in production.



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