

Keep pace, save money: The retrofit option for inspection machines

Obsolete inspection equipment can be upgraded to the latest certification and safety levels without the need for new acquisitions. The retrofitting of existing machines is often a good alternative to buying new kit. Heye International offers several retrofit packages to match customer needs, as Petra Heumann explains.

Safety is a paramount concern for everyone. And when it comes to end users consuming food and beverages from glass containers, the requirement for maximum safety is mandatory. Without question!

In times of growing awareness for sustainable materials, glass is becoming increasingly popular. To meet consumer expectations, ultimately glass packaging has to maintain its reputation for being environmentally-friendly and 'safe'. Furthermore, safety and quality are what glass manufacturers demand from their inspection lines at the cold end. Reliable inspection machines and technologies deliver the standard in many glass plants.

Retrofit solutions for every budget

To maintain or upgrade standards, the modernisation of inspection equipment is necessary from time to time. However, the retrofitting of existing equipment represents an economic alternative to buying a new machine. Existing inspection modules and tooling can often be used further, while



Sophisticated retrofitting measures reduce mechanical maintenance work and downtime.



Main drive refurbishment.

the machine control unit is replaced by the latest control system, combining unbeatable reliability with ease of use.

Glassmakers can select from different refurbishment packages according to their specific requirements and budget. This can include a straightforward surface overhaul of the frame, base plate, mechanical parts etc as the basic package. An upgrade of employee safety and HACCP is achieved by the inclusion of housing and door solutions. The next level range of services comprises a simple mechanical refurbishment, as well as an electrical and electronic overhaul or a combination of different packages.

Benefits

Without having to invest in new equipment, the glassmaker takes delivery of a properly overhauled and updated inspection machine. The positive result is evident: Increased safety, quality and productivity.

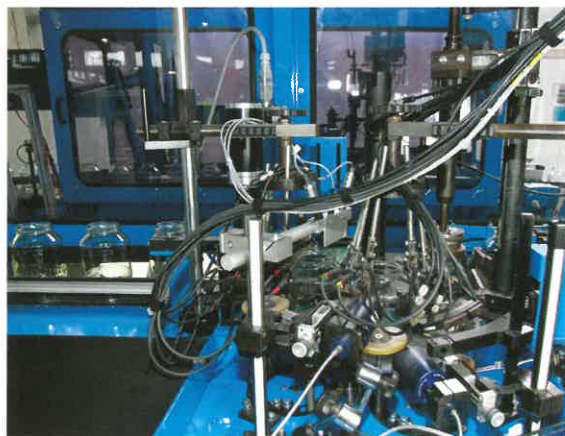
A new machine control unit makes inspection work more flexible, as job change times are reduced and spare parts availability is guaranteed for at least 10 years. Heye delivers original spare parts only, with no reproductions provided. Thus, the glassmaker benefits from a sustainable spare parts condition, which similarly guarantees delivery reliability on his part.

Sophisticated retrofitting measures reduce mechanical maintenance work and downtime. The inspection machine works reliably, while no time is lost to breakdowns due to obsolete components, electronics or control units. Servo components, inline etc let the inspection modules work precisely and accurately.

According to the current wave of digital industrialisation, remote maintenance via Ethernet is possible with the appropriate retrofit package.

Experts at work

Heye's team of experts can provide advice and consultation with respect to



Heye has been responsible for more than 500 refurbishments to date.

appropriate retrofit work. This can vary significantly, depending on the current status of the inspection equipment and relevant market requirements. Located in Nienburg, Germany, Heye's cold end specialists have comprehensive experience with many variants of starwheel machines and ensure the correct implementation of work undertaken. All inspection modules are prepared according to the glassmaker's needs (eg wall thickness measurement). After a start-up check, the retrofitted machine can easily be commissioned in the cold end area by plug-and-play installation. ●



Example of a retrofitted inspection machine.

About the author:

Petra Heumann, Marketing Department, Heye International

Further information:

Heye International GmbH, Obernkirchen, Germany
tel: +49 5724 26-0
email: marketing@heye-international.com
web: www.heye-international.com