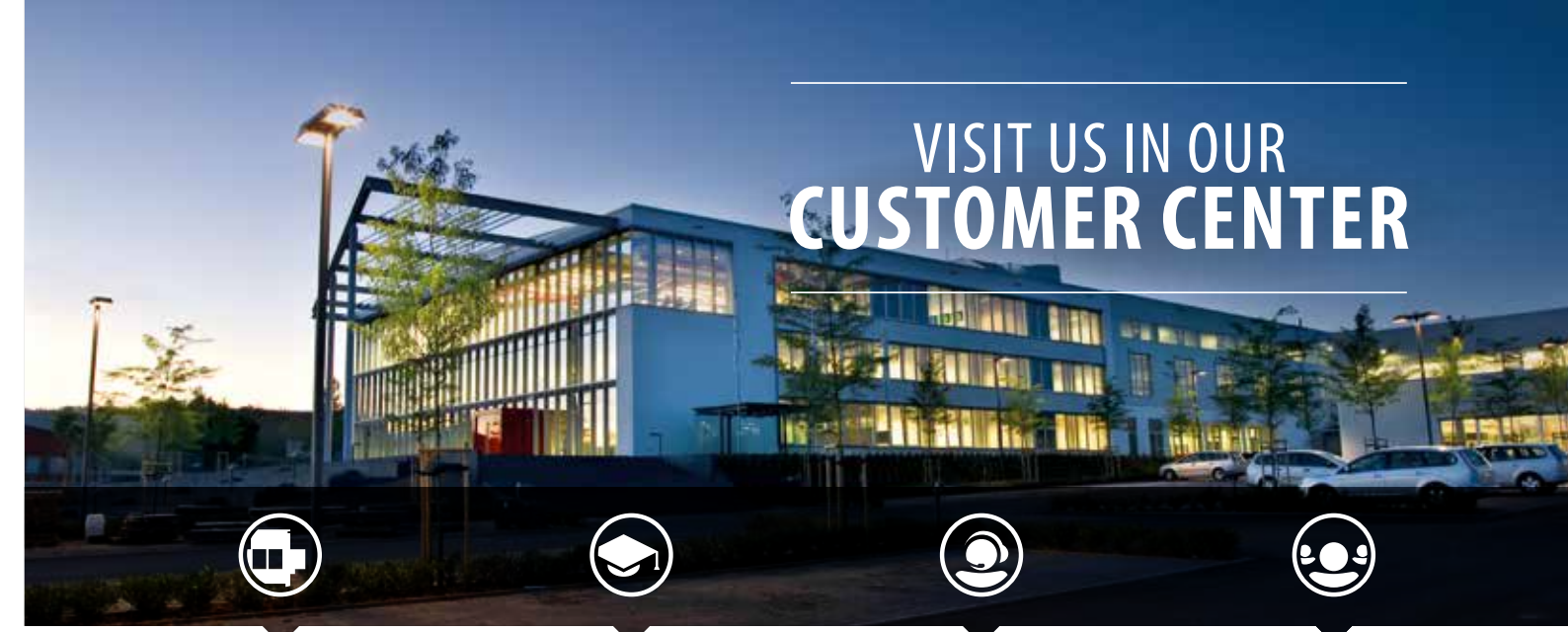


PERFECT QUALITY
FROM THE BEGINNING TO THE END

From empty to full, inside to outside, non-brand to correct brand, contaminated to uncontaminated, unlabelled to perfectly dressed, unattractive to attractive and premium to standard. Indeed from A to Z:

HEUFT establishes order, efficiency, quality and safety along returnable glass lines for filling beer from the beginning. Thorough sorting out for absolute brand purity is immediately followed by a continuous empty bottle inspection. It even makes that visible which cannot be seen at all using unique X-ray strobes: for example the

smallest glass splinters. Thus ensuring a clean and safe journey to the filler. A careful foreign object inspection then awaits the full bottles. It does not miss any dangerous objects regardless of whether they are lying on the base or floating around in the drink. Finally a detailed label inspection ensures that the end product looks perfect.



SHOWROOM TRAINING SERVICE CONFERENCES

Experience the complete range of HEUFT solutions in action: our arena with almost 1,000 square metres of exhibition space provides you with the perfect conditions to convince yourself of the superior performance of our inspection and quality assurance systems – even with live tests using products from your own portfolio upon request.

The right know-how for reliable operation: experienced experts will provide you with all the knowledge you need in order to safeguard the functionality and availability of your HEUFT system sustainably in the HEUFT Training Center – not only theoretically but also directly at the device!

The nerve centre for a proactive customer service: our service control centre coordinates all the services on your premises from online remote maintenance with the HEUFT *TeleService*, the HEUFT *PhoneService* up to HEUFT *DirectService* visits – for a worldwide 24/7 support.

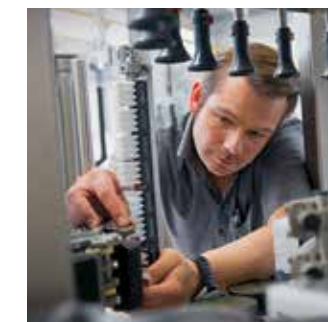
From seminar room to auditorium for 199 guests: we are pleased to make our premises containing state-of-the-art multimedia equipment available to customers and partners for meetings and events – including a tour of the premises, specialist lectures and practical presentations!

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SAFE BEER

HEUFT SYSTEMTECHNIK GMBH
Am Wind 1 · 56659 Burgbrohl · Germany · heuft.com · info@heuft.com

HEUFT SX

Empty bottle sorting for full brand purity.

More efficiency and productivity

Precise sorting out of non-brand bottles, reliable prevention of faulty filling, standstills and production downtimes.

High degree of detection reliability

Reliable detection of non-brand bottle types and colours, safe identification of sealed and unsealable bottles as well as clear differentiation between glass and PET.

Minimum false rejection rate

Accurate rejection due to the combined evaluation of all the measuring results using fuzzy logic.



HEUFT eXaminer II XOS

Foreign object inspection of the new generation with optical technologies and unique X-ray strobes.

Broad spectrum

From glass splinters, mould to transparent film: the reliable detection of high density and low density foreign objects in full containers.

Complete inspection without blind spots

Continuous inspection of the total container volume.

X-ray flash instead of a permanent beam

Sharp images with minimum radiation.

Less false rejections

Highly precise product tracking and the HEUFT *reflexx*² real-time image processing system with learning ability for clearly differentiating between real and supposed safety risks.

HEUFT InLine II IXS

X-ray assisted premium empty bottle inspection of the new generation.

Unprecedented detection reliability

The highest ever detection performance at the lowest false rejection rate confirmed by independent experts. Reliable detection, even of glass splinters in residual liquid, with minimum radiation due to unique X-ray strobes. Innovative full-field image converters for even more sensitivity.

Continuous optical examination

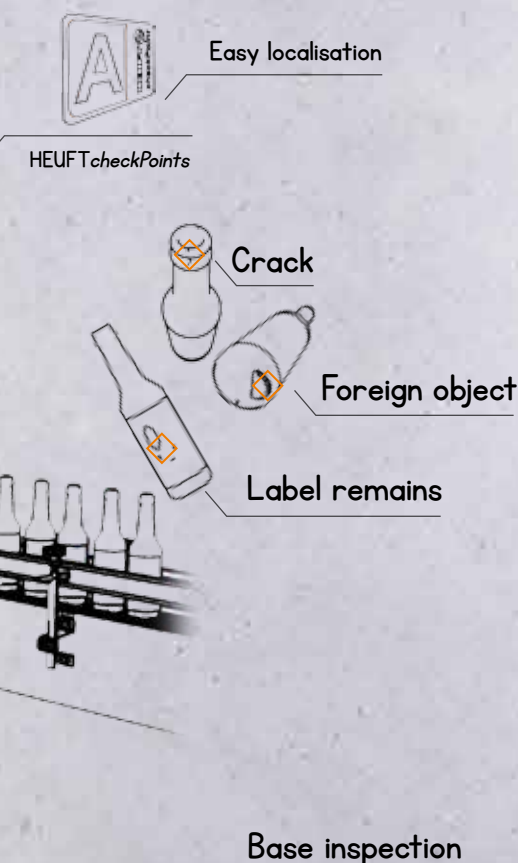
Innovative infeed check with shape detection for more efficiency. Exact fine bottle alignment for considerably more than 360° coverage during the sidewall inspection with doubled resolution. Even more precise base, thread, underchip and finish inspection. Integrated residual liquid detections.

Solid construction

Modular design in accordance with the HEUFT *CleanDesign*. Optimal arrangement and safe housing of all the detection units.

Simply resource saving

HEUFT *SPECTRUM*^{II} system with self-explanatory HEUFT *NoVi* user guidance and fully automatic brand changes. HEUFT *reflexx*² real-time high-performance image processing system with teach-in function.



HEUFT FinalView LBL

Label inspection for perfectly dressed end products.

Perfect visual appearance

Continuous complete inspection of all the labels with the reliable identification and rejection of mislabelled bottles.

Maximum detection reliability

Reliable detection of crooked, non-brand, creased and torn labels as well as the clear identification of design faults due to superior optical technologies and the HEUFT *reflexx*² image processing system with teach-in assistant.

Optimal adaptation

Adaptive LED illumination for detection pictures without shadows or reflections and optional add-on cameras for different container types and sizes.

Uncomplicated brand changes

Automatic adjustment of the transport and detection units.