



**ALPHA FH**  
Fill Level  
Inspection System

# Fill Level Inspection System – ALPHA FH

The ALPHA FH Fill Level Inspection System is an ideal solution for **ensuring consistent fill levels**, improving product quality, and maintaining industry compliance.

This automated system efficiently inspects **up to 120,000** containers per hour, reducing unnecessary waste and manual intervention in the process.

Plus, its **easy installation** and **maintenance** will keep your technicians satisfied and stress-free.



# Benefits

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## Increased accuracy / efficiency

Automated fill level inspection systems provide consistent, accurate measurements, reducing the risk of under- or over-filling & eliminating the time required for manual inspection leading to increasing production efficiency.

## Better product quality

By ensuring that fill levels are consistent and accurate, automated fill level inspection systems improve the overall quality of the final product.



# Benefits

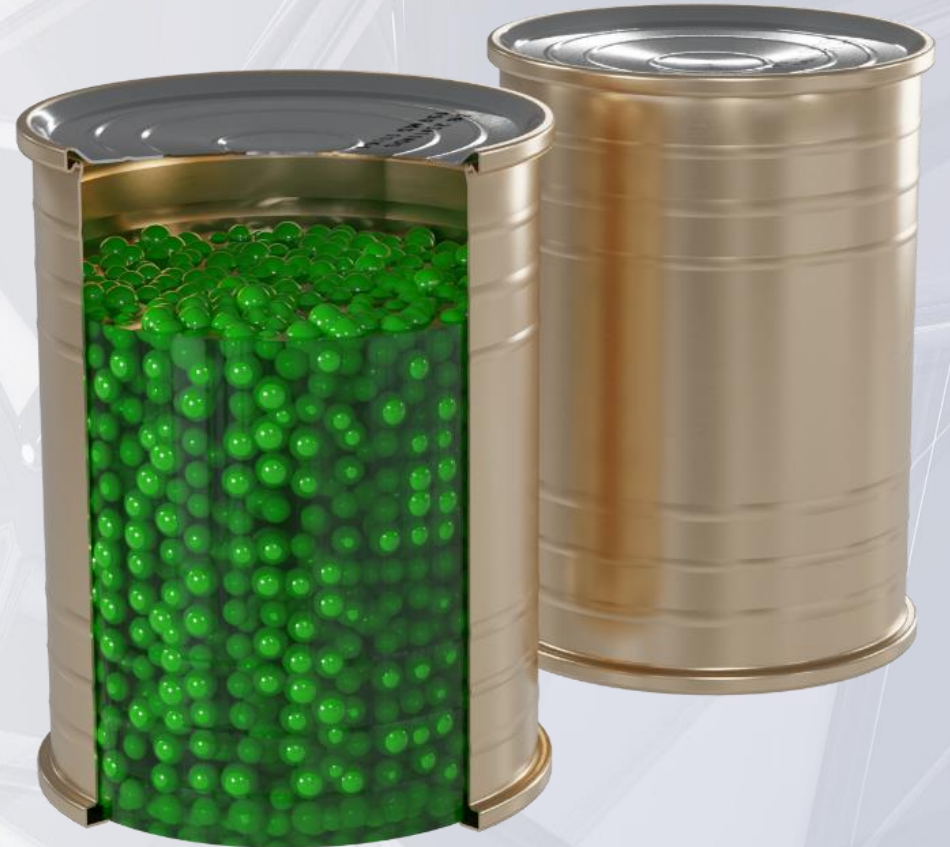
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## Compliance with industry standards

Automated inspection systems can help beverage companies meet industry standards and regulations by providing accurate and consistent fill level measurements.

## Reduced waste

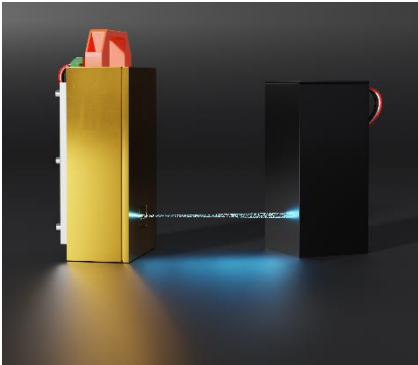
Automated inspection systems help reduce waste by detecting and rejecting underfilled or overfilled containers. By providing the appropriate data, it's easier to optimize the filling line.



# Application

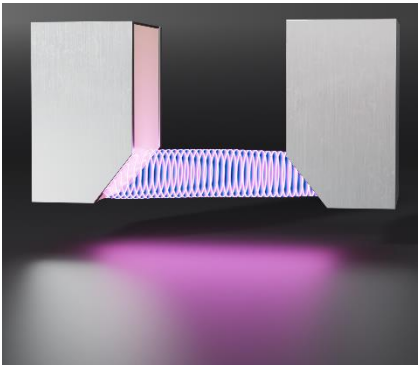
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**Reliable inspection technologies specialized in fill level inspection on opaque containers.**



## X-RAY

- Almost all types of containers bottles (glass, PET)
  - all containers e.g. Beverages / Food Cans , Glasses, Canisters, Cups, Tubes



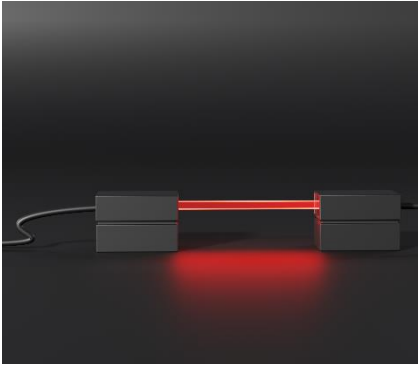
## High Frequency

- Metal free containers & labels
  - Bottles (Glass, PET), Jars, Canisters

# Application

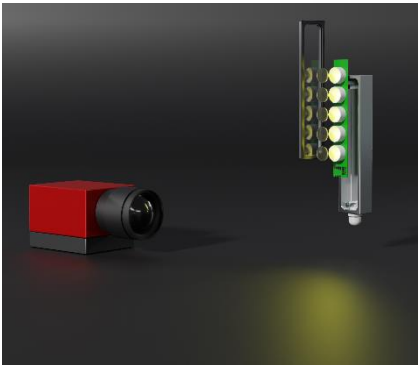
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**Reliable inspection technologies specialized in fill level inspection on transparent containers.**



## Optical Sensor

- transparent & semi-transparent containers
  - bottles (glass, PET), Jars, Canisters, High Frequency



## Camera

- Transparent containers
  - bottles (glass, PET), Jars, Canisters

# Detection

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## Under Filled Containers

All fill levels below a set value.

## Over Filled Containers

All fill levels above a set value.



# Features

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Up to **120,000** containers per hour  
Intelligent inspection bridges

- Works even if the control unit fails

Integrated tracking

Operation & visualisation via

- 10" display, PC (LAN), Tablet or smartphone (WLAN)

Easy teach-in

Advanced statistics

Connectivity with other BBULL systems

Multi-line concept

Cascadable- & expandable

Remote maintenance

Very compact design

Height adjustment with spindle/servo



# Expansions

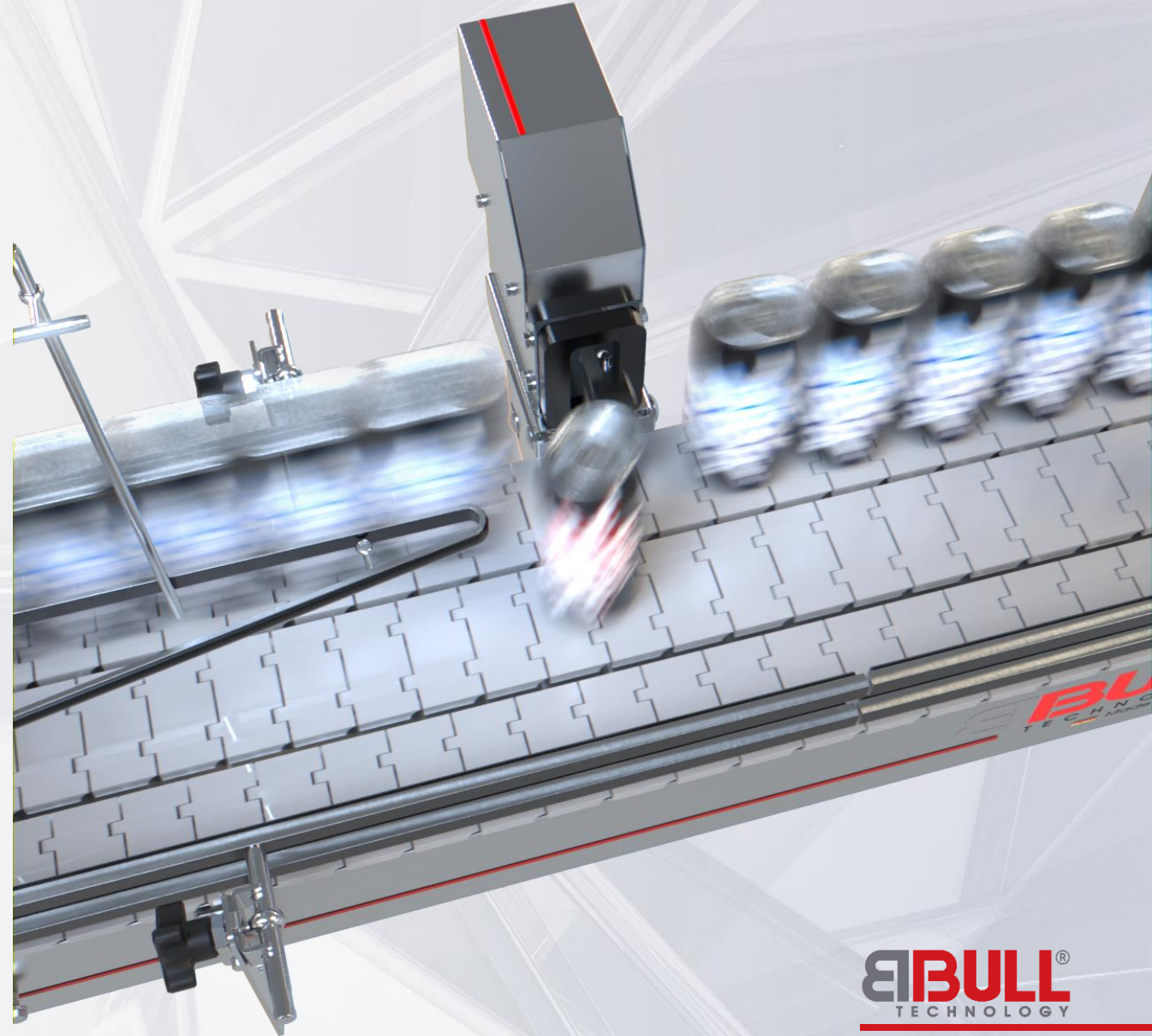
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## Filler/capper management

- **FM**

## Recommended Rejection System

- **PUSHER** – Pneumatic rejection system
- **BOS** – Servo rejection system
- **VARIOCURVE** – Servo rejection system
- **SERVO-PUSHER** – Servo rejection system
- **FLEX** – Pneumatic rejection system
- **FLEX LINER** – Pneumatic rejection system
- **TLP** – Pneumatic rejection system





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## Take the Next Step! Request Further Information Today

Contact us to learn more about our system and how it can help your business succeed. Our team of experts is ready to answer any questions and provide you with a personalized solution.

Don't wait, make a call or send an email today and learn about the difference our system can make!

