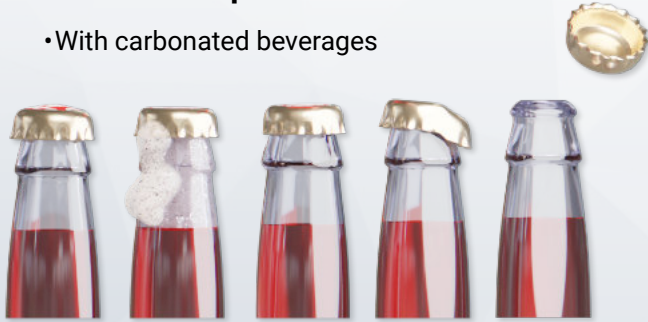


## For all metal caps

- With carbonated beverages



- Ensured rejection of leaking bottles or bottles without pressure
- Compact design
- Easy installation for retrofit purposes
- Integrated tracking
- Remote maintenance

## Detecting

- Pressure
  - over pressure & under pressure
- Leakage
- Bottle damage
  - glass burst in the head space
- Damaged sealing surface
  - small damages in the sealing area
- Missing compound mass
- Cap Integrity
  - damage
  - deformations
  - absence

## Features

### Cap & Leakage Inspection

- Electromagnetic impulse generator
- Sensitive microphone
- Proximity sensor
- Intelligent Inspection Bridge
- Compact design
- Height adjustment spindle/servo

Production speed [containers/hour]	75.000
Conveyor speed [m/s]	2,5
Bottle heights -Tolerance [mm]	+/- 2,0
Height setting top edge bottle - bottom edge sensor [mm]	4
Power supply	24 V- (18V-30V)
Ambient temperature	5°C ...45°C
Dimensions measuring bridge HxWxD [mm]	280 x 220 x 120
Dimensions control unit HxWxD [mm]	1908 x 570 x 1310

# Alpha MAS

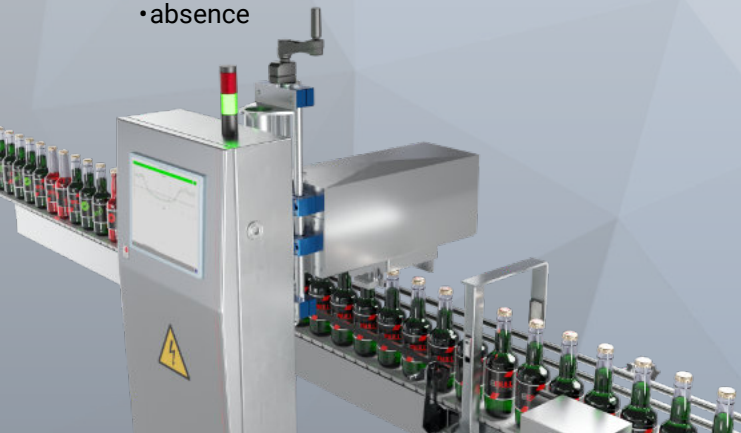
## Leakage & Cap Inspection



**For bottles with metal caps and carbonated beverages:**

### Detecting

- Pressure
- Leakage
- Bottle damage
- Damaged sealing surface
- Missing compound mass
- Cap Integrity



# Processing Unit

# Inspection Unit

## BBULL ALPHA LINE

- Intelligent Inspection Bridges
- Integrated Container Tracking
- Operation & Visualisation via
  - 10" Display
  - PC (LAN)
  - Tablet or Smartphone (WLAN)
- Full Connectivity
- Multi-Line Concept
- Cascadable- & Expandable
- Remote Maintenance

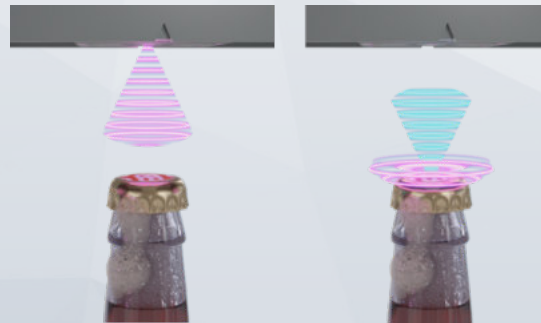


Multiple inspection technologies ensure a reliable detection

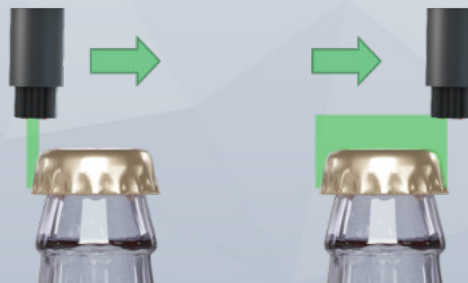


Partner

Sound profile via electromagnetic burst and specialised microphone



Distance measuring via proximity sensor



## Software

- Modern HMI
- Easy teach-in
- Reporting via
  - Mail
  - ODA protocol
  - HMI
- Connectivity with other BBULL systems
- Configurable user management
- Remote access for maintenance and service

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