



CAS
Bottle Rotation
Inspection System

Bottle Rotation Inspection System - CAS

An innovative solution that ensures consistent and accurate label application on your bottles.

This state-of-the-art system regulates bottle rotation, improving label accuracy and consistency for a professional and appealing product appearance.

Boost production efficiency by reducing waste and downtime, while enhancing product quality and ensuring compliance with labeling regulations.

Enjoy the versatility and flexibility of the CAS system, easily integrated into existing labeling equipment, providing a cost-effective solution for improved label accuracy in your production line.



Benefits

Improved label accuracy

Regulate bottle rotation and ensure precise label application. Improve label accuracy and consistency, resulting in a more professional and appealing product appearance.

Increased production efficiency

Reducing waste and downtime caused by inaccurate label application. Increase production efficiency, reduce costs and increase output.

Enhanced product quality

Maintain product quality, and ensure that labels are always applied correctly, reducing the risk of customer complaints or non-compliance with labeling regulations.



Benefits

Versatility and flexibility

Customize to meet the specific needs of different types of bottles and labels, providing versatility and flexibility to the beverage industry.

Easy integration with existing labeling equipment

Integrate with ease into existing labeling equipment, reduce the need for major equipment upgrades or replacements.

Cost-effective

Reduce waste and downtimes. Improving production efficiency and provide a cost-effective solution for improved label accuracy.



Application

The BBULL CAS system is designed to work with bottles that have a

- Glass seam
- Decoration
- Identification mark

Suitable for all labelers with servo-driven rotating plates.



Detection

The CAS detects the exact position of a bottle with in the labeller via

- Glass seam - the line where the two halves of the bottle's mold meet.
- Decoration - the area of the bottle that contains logos, text, or images.
- Identification mark - a unique code or symbol used to identify the product or batch.



Process

Detection Process

The system employs special LED-lighting and a cabinet equipped with cameras to capture images of bottles as they pass through the labeller. This process allows the system to detect the exact position of the glass seam, decoration, or identification mark on each bottle.

Transmission of Results

Once the system has detected the bottle's specific features, it transmits this information to the machine control, which then processes the data and sends the results to servo-driven plates.

Bottle Position Adjustment

Based on the transmitted result, the servo-driven plates adjust the bottles in the correct position to ensure that the label is attached exactly on the designated area.

Features



- Up to **75,000** bottles per hour
- Easy integration
- Direct communication with the labeller
- Raw & Fine adjustment
- Operation & visualisation via
 - 15" display
- Advanced statistics
- Connectivity with other BBULL systems
- Compact design

Expansions

Label Inspection

- **IMAGE 360**
- **IMAGE OCR**

Fill level inspection

- **ALPHA X**

Cap/Leakage Inspection

- **ALPHA MAS**





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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!

