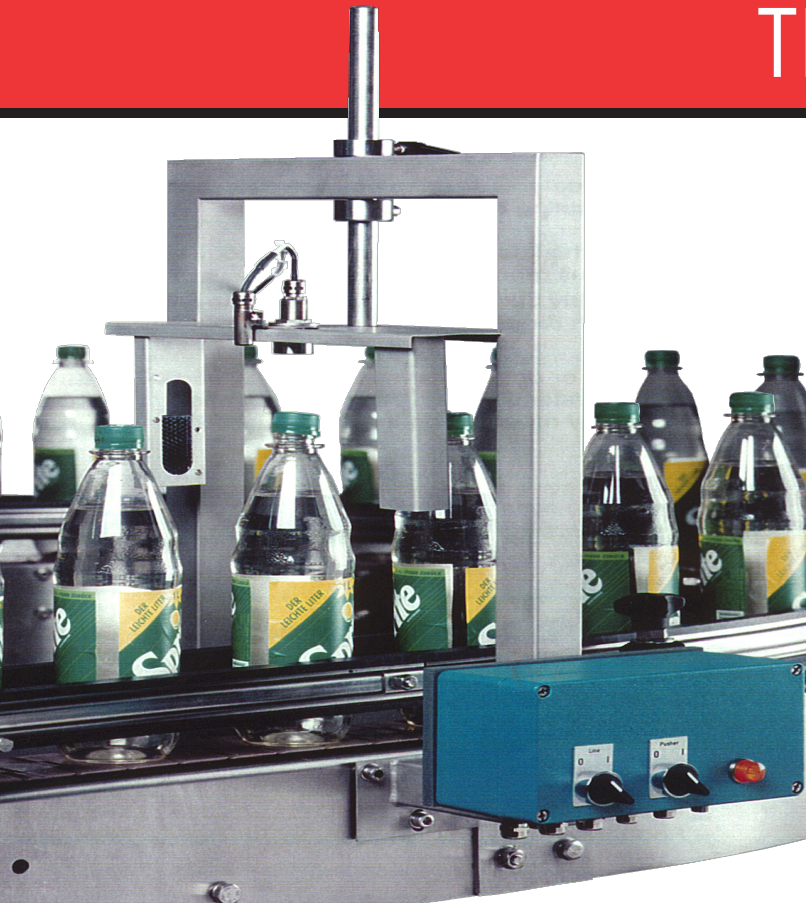


TPD



Incorrectly applied caps can risk serious contamination and reduce shelf life of the product. The **BBULL TPD** system is a simple easy to integrate solution to prevent critical capping faults reaching the customer.

Advantages

- Precise non-contact process provides reliable screw cap inspection performance independent of material or color.
- The compact bridge can be provided as a standalone device, or simply integrated with other BBULL inspection or quality monitoring systems.
- Simple height adjustment ensures fast change-over.

BBULL TILTED POSITION DETECTOR (TPD) is a high speed cap inspection system developed specifically for plastic and metal screw closures on glass and PET production lines. The patented process uses ultrasound to reliably detect missing, damaged and tilted screw caps, independent of the material.

Specifications

Max Speed:	90,000c/h; 1500bpm
Max Line Speed:	2.5m/s;8.2ft/s
Accuracy Range:	1.5-9.0degrees
Container Types:	12-50mm;0.5 2inches;planar
Electrical Requirements:	19-29vdc; 1A
Air Requirements:	See Reject Device

Intentionally Left Blank

Functionality

The BBULL TPD uses an ultrasonic signal to scan the top of the container. The control unit processes the returned echo signal to determine to presence, height and alignment of the cap. The patented process is independent of the cap color and can be used on all closure types. The integrated embedded controller ensures precise reliable inspection. The system can be simply integrated in to other BBULL inspection and quality management systems.

BBULL[®]
TECHNOLOGY - USA

See videos and more at WWW.BBULLUSA.COM
BBULL USA, Inc. 260 Scarlet Blvd. Oldsmar, FL 34677 USA. Tel: (813) 855-1400 Fax: (813) 855-7460