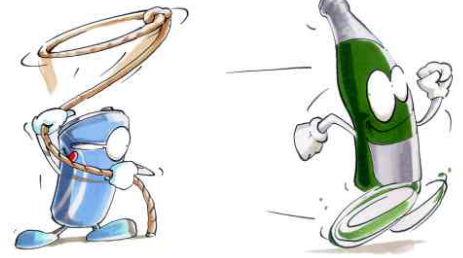


# FORMAT 3000

Bottle Format Detection



**BBULL**  
INFORMATIK & INDUSTRIE  
ELEKTRONIK

**CENTRO**  
KONTROLLSYSTEME

**STRATEC**  
CONTROL-SYSTEMS

# General Introductions

The Bottle format detection consists of a fast imaging system on the basis of modern CCD-cameras. The automatic trigger function replaces an additional external trigger signal.

The system supports a minimal gap bottle flow as well as changing conveyor speed.

The registration of the bottle contour is done by means of the TEACH-IN. The counter is evaluated within the select bottle area with up to 144 evaluation lines.

# The system is equipped with the following components

- high-grate stainless steel housing
- lightning unit
- CCD-matrix camera
- evaluation unit, industrial PC with integrated touch screen
- coloured LC display (TFT)

# Technical Data

Continuous sorting operation: _____ up to 65.000 b/h
Evaluation unit height: _____ approx. 1800 mm
Evaluation unit width: _____ approx. 430 mm
Evaluation unit depth: _____ approx. 800 mm
Sensor head and evaluation unit voltage requirement: _____ 230 V

# Special Features

- up to 7 format group can be chose
- up to 10 bottle types per format group can be entered
- up to 7 sorting programs per format group can be entered
- automatic contour registration by TEACH-IN
- automatic trigger function
- touch screen operation
- external colour detection can be added
- display of production values
- IP 65 protection



## BBULL INFORMATIK & INDUSTRIE ELEKTRONIK

BERNHARD BULL COMPUTER GmbH  
Ankerstrasse 73  
75203 Königsbach-Stein/Germany  
Telefon (+49) 72 32-40 06-0  
Telefax (+49) 72 32-40 06-25  
E-mail: [info@bbull.de](mailto:info@bbull.de)  
<http://www.bbull.de>

## CENTRO KONTROLLSYSTEME

CENTRO KONTROLLSYSTEME GmbH  
Hagener Strasse 75  
57072 Siegen/Germany  
Telefon (+49) 2 71-48 96 3-6  
Telefax (+49) 2 71-48 96 3-74  
E-mail: [info@centrok.de](mailto:info@centrok.de)  
<http://www.centrok.de>

## STRATEC CONTROL-SYSTEMS

STRATEC CONTROL-SYSTEMS GmbH  
Ankerstrasse 73  
75203 Königsbach-Stein/Germany  
Telefon (+49) 72 32-40 06-0  
Telefax (+49) 72 32-40 06-25  
E-mail: [info@stratec-control.de](mailto:info@stratec-control.de)  
<http://www.stratec-control.de>