



# BBULL ACL

Bottle Sorting according to ACL-Lable

# PRODUCT SPECIFICATION



## General

The sorting system **BBULL ACL** is designed for the sorting of bottles with ACL labels.

The diameter and the height of the bottles are exactly defined.

The reference for the sorting process is the label. Modifications, that means the change to an other format, are always possible by considering certain hardware requirements as well as a new Software Setting.

The maximum Line speed is 70.000 b/h.

The detection of the bottles is done while passing 2 CCD asynchronous cameras, controlled by a trigger signal. Both cameras

are installed at the light channel where the conveyor belt is passing through one on the right and the other on the left side.

Two LED Flash- Units completed with two diffusors and two mirrors at the conveyor allow best and constant light attitude at the moment of taking the picture. If required the quality of lightning by Software can be checked. (Shutter Test)

The instance of foreign light entering the light channel is prevented by two folding doors and a filter disc in front of each camera.

A high standard industry PC is responsible

for an optimal evaluation of the provided camera signals.

The operation of the system is done by a TOUCH SCREEN monitor with TFT colour display and enables an user-friendly handling. The protection of all relevant menus by password offers the necessary safety against operating errors and foreign interferences.

On the monitor you can show the measuring window as well as 2 charts for production and analysis datas which give a complete control during the production process.

## Technical Data

	Main supply	Production speed	Type of bottles	Dimensions (WxDxH) in mm	Others
Complete system	230V~/16A/50Hz	70.000 b/h	by definition		
Sensor unit				1170/360/360	
Control unit	230V~/6A/50Hz				
Computer	230V~				10,4" TFT Color Touchscreen Monitor
Camera CCD 1 a. 2	12V=				asynch. trigger raster 20 msec
Lenses 1 a. 2					f = 8,5 mm aperture 1.5 - 16

STRATEC CONTROL-SYSTEMS GmbH • Ankerstrasse 73 • 75203 Königsbach-Stein  
 Telefon (+49) 72 32- 40 06- 0 • Telefax (+49) 72 32- 40 06- 25 www.bbull.com

**BBULL** **CENTRO** **STRATEC** **SYMPLEX**  
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