



# BBULL GLK

Grip Holder Inspection of Beverage Crates

# PRODUCT SPECIFICATION



## General

**BULL TECHNOLOGY** developed a grip holder inspection which does not only secure the internal production process but also get satisfied customers and reduces customer complaints because of broken grip holders.

**BBULL GLK** not only detects broken grip holders or missing pieces but also almost all other kinds of damages in the grip holder section, as well as hair cuts and broken, but remaining grip holders.

Fine cracks or smooth broken grip holders can not be detected by optical systems, but take large disturbances with the material flow. The system is suitable for empty and filled empties crates and can be installed both completion of an available crate inspection and stand-alone-system.

## Technical Data

Power in crates per hour: \_\_\_\_\_ up to 5.000  
Case: \_\_\_\_\_ variable  
Transportation (not included): \_\_\_\_\_ conveyor  
Power consumption in watt: \_\_\_\_\_ 200  
Sensory: \_\_\_\_\_ ultra sonic

## Application

- Rise of the plant efficiency by avoiding crash at the palletiser because of defective crate material.
- Reduction of customer complaints because of broken grip holders.
- Budget planning of investment demands for procurement of new crates.

## Important Features

- operation as stand-alone-system or integration into existence crates- control system
- crates are inspected without stop of transport
- inspection of empty and filled empties crates are possible
- no sensitive parts (cameras, lightning units, ....)

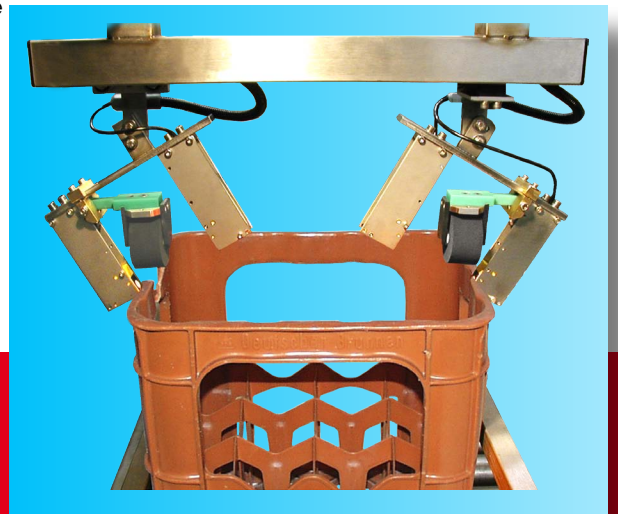
## Mode of Operation

The sensory is installed above the crate transport and does not have any extravagant or flexible pieces.

There is the possibility of monitoring of the damage and a statistical utilisation of the measure values by an optional software package.

All meter readings can be stored and utilised over a longer period of time. This is very important for evaluate the quality of the beverage crates or for the planning of replacement investments.

With the help of the parameter tool the sensitivity of the system can be adjusted comfortably and all required defectives can be rejected.



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**  
INFORMATIK & INDUSTRIE ELEKTRONIK KONTROLLSYSTEME CONTROL-SYSTEMS VISION SYSTEMS