



### Requirements and solutions

Faulty containers detected by upstream inspection systems must be removed from and channeled out of the production process. If containers fall over during rejection, these can disrupt production. The KHS Innocheck GRS guided rejection system ejects all containers onto the right lane in an upright position. Mechanical ejection fingers, which run parallel to the conveyor belt, guide the containers onto a suitable conveyor. This reliable rejection system, where faulty containers are guided and not impacted, thus ensures safe ejection of such containers without disrupting production.

### Key features

- Suitable for glass and PET bottles, cans, glass jars and plastic containers used in the beverage, food and non-food industries
- Rejection system for the upright ejection of containers onto other conveyor belts
- Movement of the ejection fingers is synchronized with the belt speed; a minimum amount of pulse is thus applied to the container to be channeled out
- Use of an electric trigger in place of compressed air for exact lever Extension
- Unbreakable levers always ensure reliable ejection and are gentle on the product and Containers
- Two versions are available:
  - Innocheck GRS I with one rejection point
  - Innocheck GRS II with two rejection Points
- Many installation options downstream of the inspection modules, such as after a sorting system or as a distributor

### Standard equipment

- Compact, hygienically designed stainless steel housing
- Unbreakable rejection lever for maximum product safety
- Electric trigger to extend the lever
- Ejection fingers are contained in closed stainless steel cassettes
- Sensor for monitoring the ejection fingers
- Self-propelled





**Benefits**

- High process reliability thanks to the safe, reliable and upright ejection of containers
- Pneumatic-free design minimizes operating costs and saves resources
- Low-maintenance rejection system through the use of unbreakable Levers
- Short changeover times avoid long downtimes as no format parts have to be replaced when changing containers
- Maximum freedom from interference and high operational reliability through ejection finger position monitoring



<b>Options</b>
· Rejection monitoring
<b>Possible combinations</b>
· Can be combined with all Innocheck container detection units
<b>Service</b>
· Worldwide service
· Holistic consulting and planning
· ReDiS remote maintenance
· Fast supply of spare parts

<b>Technical data</b>
<b>Maximum machine capacity</b>
72,000 containers per hour / 1,200 containers per minute
Max. belt speed: 1.6 meters/sec
<b>Sound emission</b>
< 80 DB(a)
<b>Max. container diameter</b>
150 mm