

# Flex / Flex 160 / Flex Ext



## Advantages

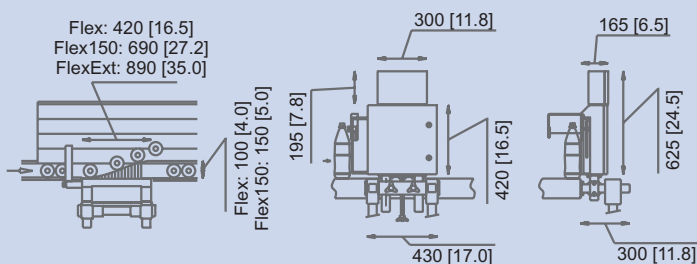
- Highly stable guaranteed upright rejection for reliable distribution, and ensures filled open containers are sorted without spillage.
- The dynamic guide rail design provides precise control over target container resulting in smooth consistent transfer of a wide range of container types, whether full or empty.
- Integrated embedded controller with intuitive LCD interface provides simple integration with any of BBULLS inspection and quality monitoring systems, or other third-party devices.
- Advanced container tracking with automatic TEACH-IN and self-diagnostic functionality ensures reliable operation.
- Simple height adjustment and stored configurations for fast change-overs.
- Robust construction and intelligent control over the reject segments ensures system longevity and reduced maintenance costs.
- Available in three size configurations to allow flexible functionality, including extended transfer distances, customized guide profiles, and multi-lane reject distribution.

**BBULL FLEX** is a flexible high speed single- or multi-lane rejection, sorting, and distribution system for a wide range of container shapes, sizes, and types. The dynamic guide rail system is capable of sorting containers with challenging characteristics such as semi-rigid PET containers and irregular shaped bottles, where other systems have difficulties ensuring stable upright rejection.

**BBULL FLEX** is particularly suitable for applications where the systems space and cost savings provide an attractive alternative to existing technologies.

## Specifications

<b>Max Speed:</b>	50,000c/h; 800bpm
<b>Max Line Speed:</b>	1.2m/s; 3.9ft/s
<b>Max Container Weight:</b>	4kg; 8.8lbs
<b>Container Types:</b>	most types and designs
<b>Electrical Requirements:</b>	110-250vac; 50/60hz;
<b>Air Requirements:</b>	6bar; 90psi



## Functionality

The BBULL FLEX system sequentially activates a series of pneumatically controlled fingers to create a dynamic rail to guide the containers to the rejection conveyor. The moving segments can be retracted rapidly before and after the target container, therefore avoid adjacent product. For multiple rejections the segments stay in the active position, similar to a fixed guide rail. BBULLS integrated embedded controller synchronize with the sorting device to provide precise and reliable control of the container on fixed or variable speed production lines. An LCD display provides feedback and intuitive setup.

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