



## BBULL FLEX

Multisegmental Sorting and Distributing System  
Maximum Performance and FLEXibility

# PRODUCT SPECIFICATION

## Application

The functionality of the BBULL FLEX devices guarantees a very reliable displacement of most different containers onto parallel running conveyors. The reject segments create an accompanying railing to lead the containers to their final point. During the displacement of the containers there is no tilting over.

The reliable functionality enables the universal application for sorting and distributing the most different container designs and types. Therefore the BBULL FLEX is a very popular device for numerous exercises and application areas.

Due to very different customers' requirements we developed different designs to adapt exactly to the single project-specific characteristics.

## Operation

Single rejection segments are swung out into the container stream successively. The resulting railing displaces the corresponding container onto the reject conveyor.

The intelligent control unit puts the segments back into their initial position after each rejection procedure.

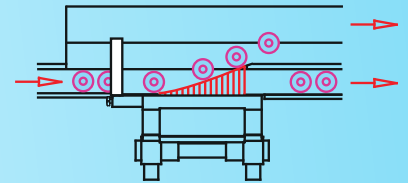
## Features BBULL FLEX

- standing rejection and distribution of containers and packages
- suitable for multiple distributions and sampling
- little space required
- very reliable functionality
- suitable for most different containers and packages
- maximum flexibility
- control electronics integrated in our device, consequently suitable for backfittings also with external systems
- integrated tracking controller for synchronising the conveyor speed
- height adjustment via spindle for adaption to different container heights

## Different versions

Our BBULL FLEX can be provided for single version are the conveyor speed and the r

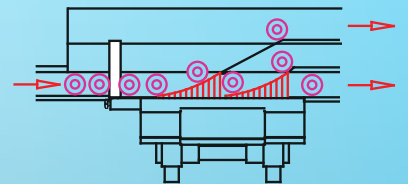
### Single distributions:



#### FLEX (Standard)

Rejection segments:	15
Line performance:	40.000 c/h
Conveyor speed:	1,3 m/s
Max. displacement:	100/150 mm
Installation length:	520 mm

### Multiple distributions:

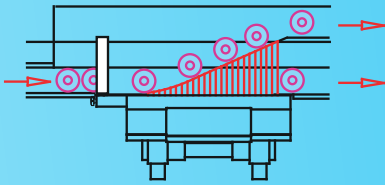


#### FLEX MS DUAL

Rejection segments:	22
Line performance:	30.000 c/h
Conveyor speed:	1,2 m/s
Max. displacement:	2 x 70 mm
Installation length:	690 mm

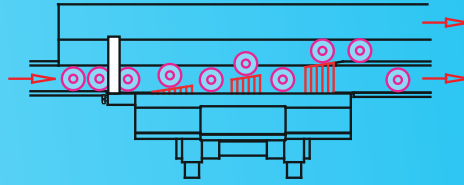


le or multiple distribution. The decisive factors for choosing the suitable FLEX required displacement of the packages to be distributed.



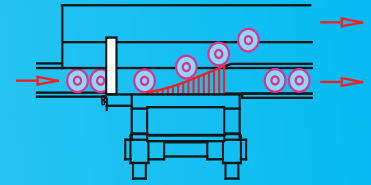
### FLEX MS (100/150)

Rejection segments: 23  
 Line performance: 40.000 c/h  
 Conveyor speed: 1,3 m/s  
 Max. displacement: 100/150 mm  
 Installation length: 670 mm



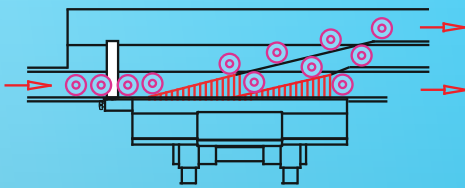
### FLEX EXT D

Rejection segments: 32  
 Line performance: 40.000 c/h  
 Conveyor speed: 1,3 m/s  
 Max. displacement: 150 mm  
 Installation length: 910 mm



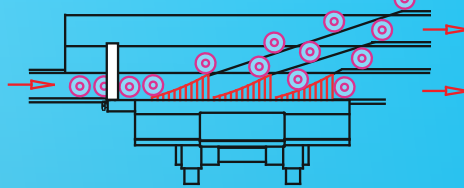
### FLEX HS

Rejection segments: 15  
 Line performance: 70.000 c/h  
 Conveyor speed: 1,8 m/s  
 Max. displacement: 100 mm  
 Installation length: 520 mm



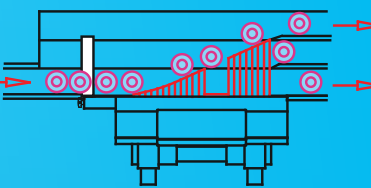
### FLEX EXT D DUAL

Rejection segments: 32  
 Line performance: 40.000 c/h  
 Conveyor speed: 1,3 m/s  
 Max. displacement: 2 x 70 mm  
 Installation length: 890 mm



### FLEX EXT D TRIPLE

Rejection segments: 32  
 Line performance: 30.000 c/h  
 Conveyor speed: 1,2 m/s  
 Max. displacement: 3 x 70 mm  
 Installation length: 890 mm



### FLEX MS 1:3

Rejection segments: 23  
 Line performance: 30.000 c/h  
 Conveyor speed: 1,2 m/s  
 Max. displacement: 75 / 150 mm  
 Installation length: 690 mm



# Technical Data



SYSTEMS	FLEX (Standard)	FLEX MS	FLEX EXT D	FLEX HS	FLEX MS DUAL	FLEX EXT D DUAL	FLEX EXT D TRIPLE	FLEX MS 1 : 3
Line performance (c/h)	40.000	40.000	50.000	70.000	30.000	40.000	30.000	30.000
Conveyor speed (m/s)	1,2	1,3	1,3	2,0	1,2	1,3	1,2	1,2
Rejection segments	15	23	32	15	2 x 11 (22)	2 x 16 (32)	3 x 10 (30)	23
Max. accompanied displacement (mm)	100/150	100/150	140	100	70	70	70	75/150
Compressed air (bar)	3	3	3	5	5	5	5	5
Power supply (V AC)	110-230	110-230	110-230	110-230	110-230	110-230	110-230	110-230
Supply frequency (Hz)	50-60	50-60	50-60	50-60	50-60	50-60	50-60	50-60
Power consumption (VA)	200	200	200	200	200	200	200	200
Control voltage (V DC)	24	24	24	24	24	24	24	24
Compressed air consumption (l/min)	1,5	2,3	3,3	1,5	2,2	3,2	3,0	2,3

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](http://www.bbull.com)

**BBULL** **CENTRO** **STRATEC** **SYMPLEX**  
INFORMATIK & INDUSTRIE ELEKTRONIK      KONTROLLSYSTEME      CONTROL-SYSTEMS      VISION SYSTEMS