

CENTRO TRANSLINER

Sorting and Distribution System
for Bottles, Cans, Glass
and PET Containers



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General Introduction

The variety of container types to be filled is growing constantly. The requirements imposed on the distribution systems by bottling plants are exceedingly high as regards not only the shape and size, but also the material of the containers. The constantly changing range of containers requires an extremely sophisticated distribution system.

But how are the various problems to be solved:

- Upright distribution of containers
- Straightforward adaptation to changing containers
- Confined space available in the sorting area
- Low-wear distribution system suitable for tight budgets

The **CENTRO TRANSLINER** from **BBULL TECHNOLOGY** is a sophisticated sorting and distribution system meeting practical requirements.

Principle of Operation

CENTRO TRANSLINER can be used for calmed transfer of containers in extremely confined conditions. The mechanical motion sequence is designed in such a way that the bottles to be rejected are assigned a precisely defined speed. The transfer plate is retracted from the conveyor path "in a flash", thus ensuring that the neighbouring bottle is not touched.

Application

CENTRO TRANSLINER is a sorting and distribution system for sorting upright containers. Even plastic bottles containing at least 20 mm liquid are sorted out in an upright position. The **CENTRO TRANSLINER** is particularly suitable for use with unusually shaped glass bottles.

Safe and reliable operation is assured by the optimum acceleration curve in push-out direction. **CENTRO TRANSLINER** can be used for a whole variety of distribution and sorting jobs. Since the transfer plate can be designed as required, bottles and other packaging units in a whole variety of shapes and sizes can be sorted safely and without falling over or being damaged.

Major Features

- Upright sorting and distribution of the packaging
- Precise electronic control of the transfer plate
- Automatic adjustment to the various conveying speeds

- Multiple sorting within a very small space
- Very low wear
- Integrated self-diagnostic function
- Automatic Teach-IN function for learning transfer parameters
- Crash-proof
- Type of protection Ip65

CENTRO TRANSLINER

(not illustrated)

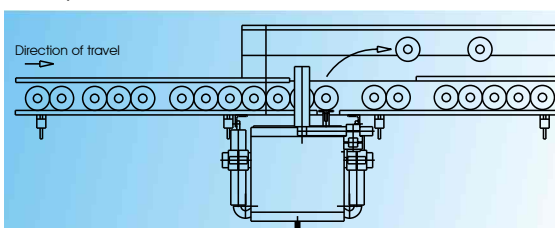
This is a sorting and distribution system for sorting upright bottles and packages up to approx. 4 kg, which has proved its value on several occasions in complex distribution jobs.

The sorting movement is transmitted from the motor drive to dual cam plates via a coupling. One cam plate is designed to give the bottle to be rejected a precisely defined speed through the sinusoidal transfer movement. The other cam plate allows the transfer plate to be withdrawn from the conveyor path "in a flash" without touching the neighbouring bottle. The system is particularly suitable for regular distribution jobs and has proved its value here in practice.

CENTRO TRANSLINER pneumatic

(illustrated)

The mechanical motion sequence is executed pneumatically. This exceedingly compact distribution system is a low-cost solution for discharging containers in an upright position. The sorting function accompanying the movement permits a gentle and harmonious motion sequence.



Technical Data

	Transliner	Transliner pneumatic
Fault rejection in units per hour	up to 30.000	up to 36.000
Capacity in batch operation in units per hour	up to 24.000	up to 24.000 not recommended
Compressed air connection in Bar	at least 2	at least 6
Overall height in mm	approx. 500 above conveyor	approx. 500 above conveyor
Overall width in mm	approx. 600	approx. 460
Overall depth in mm	approx. 600	approx. 430
Power supply in VAC/Herz	230/50	230/50



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