



More information about the buffer sequencer

BUFFER SEQUENCER

The system is suitable to solve the problem of peak load in highly dynamic warehouses of e-commerce, FMCG, production and distribution.



The system components:

	Conveyance system	Type and weight of the goods	Technical data
1	Driven roller conveyor for boxes	Plastic tray – up to 35 kg	Conveyor zone – 800 mm Number of levels – 2 to 16
2	Vertical conveyor for boxes		Max. height of the conveyor – up to 12 m Max. productivity – up to 600 boxes/hour

A storage solution based on conveyor technology. Forms order waves according to specific criteria.

The solution implements the “goods to person” technology. Is easily scalable as order volume grows.

Reduces the number of employees involved in the picking process. Guarantees time savings and efficient use of warehouse space.

THE SYSTEM WORKS WITH THE FOLLOWING TYPES AND SIZES OF BOXES:



300x
300x
50 mm

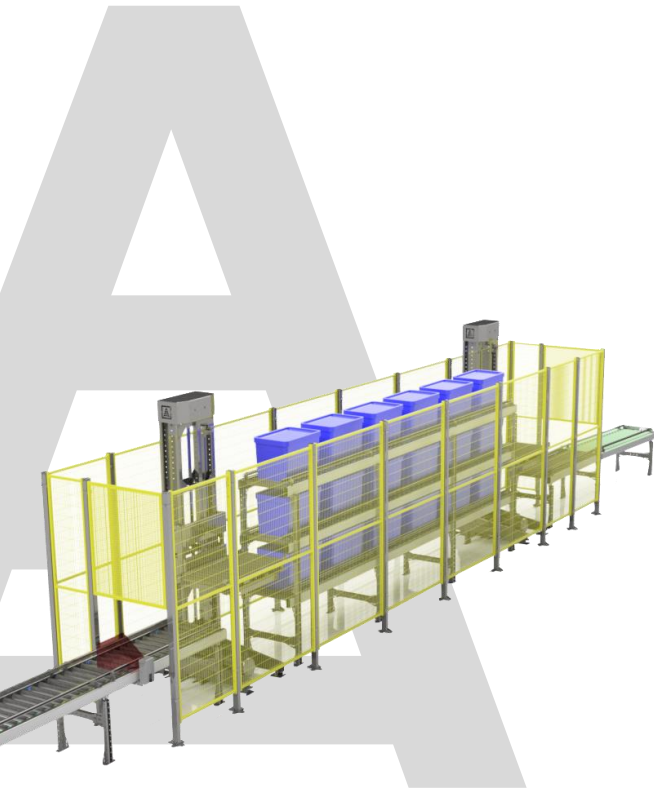
600x
400x
400 mm



More information about the
buffer sequencer

HIGH PERFORMANCE AND PRECISION

The system ensures a fully automated process of providing trays with goods for picking and prevents errors in the picking process.



24/7

Works without interruption

600 boxes/hour

Maximum performance with 4 levels

2-16 levels

Number of levels for the formation of order waves

1 x per year

Minimal maintenance effort

"Goods to person" (G2P)

Order waves are forwarded to the sorting station one after the other

Results of the automation of a concrete project:



Conservative method

Storage of **goods** at different points in the warehouse for order **picking**

- 12,000 order lines
- 6,270 m² work area
- 87 employees
- Considerable lost of time
- Chaotic order picking process
- High operating costs



KAPELOU solution

Storage of orders in the buffer system

- 12,000 order lines
- 3,000 m² work area
- 33 employees
- Time saving
- Increase in productivity
- Reduction of picking errors
- Reduction of operating costs for order picking

Efficiency **x1**

Efficiency **x2,5**