

PPS PARALLEL PICKING SYSTEM



WIDE PRODUCT RANGE HIGH PICKING PERFORMANCE

An economic solution and a fast order handling for manifold products.

Fast order handling for high turnover products and a wide variety of features – complex challenges for an optimal material flow in your warehouse. Our Parallel Picking System fulfils these requirements in a fast, easy and efficient way.

The Parallel Picking System is an efficient picking system with parallel, manual order handling based on the “Man to Goods” principle. This system supports and optimises your picking processes, enhances productivity and guarantees short throughput times. High flexibility, best possible ergonomics and increased profitability provide for optimal results of your warehouse flow. Thanks to proven technology, the Parallel

Picking System is an ideal complement to the diverse picking systems produced by our company

THE PARALLEL PICKING SYSTEM IS THE IDEAL PICKING SYSTEM FOR:

- ▶ Fast-moving products that cannot be picked by an automated system due to their shape and package characteristics
- ▶ Medium and slow-moving products that could be picked automatically but which movement rate does not compensate having an own channel.



BASIC PRINCIPLE – PERFECT RESULTS

The orders are administrated, controlled and checked by the warehouse management system (Convey 2005), started by the warehouse computer and then sent in parallel to the different sectors and handled in an optimised way. Efficient order compilation allows the performance to be increased (batch orders).

The respective collecting totes are opened once the order tote stands at the filling point. The product transport is made on a central collecting belt that finally arrives at a tote filling point.

The picking process may be supported by radio frequency terminals, Pick by Voice or Pick by Light systems for an optimised picking performance and quality.

BENEFITS

- ▶ Optimal order handling times thanks to parallel processing
- ▶ Efficient order handling provided by program-controlled order optimisation
- ▶ High picking productivity and path optimisation due to batch orders
- ▶ Enhanced workplace quality in the picking zone thanks to ergonomic design
- ▶ Optimal usage of the rack levels
- ▶ Efficient application of resources
- ▶ Short payback times
- ▶ Clear and easy arrangement of picking flows
- ▶ Short learning times and improved picking quality provided by intelligent user guidance

TECHNICAL

SPECIFICATIONS

- ▶ Picking capacity: up to 600 lines
- ▶ Dimensions: up to 280 x 230 x 200mm
- ▶ Slot volume: 13 to 18 liters



RADIO FREQUENCY – TERMINAL

The RF terminal is mounted on the arm and connected to a ring scanner.

The order data are read and confirmed directly on the display of the RF terminal. Data transmission to the line computer is performed by means of the access point.





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