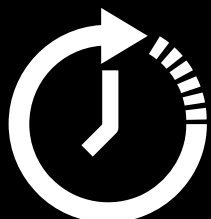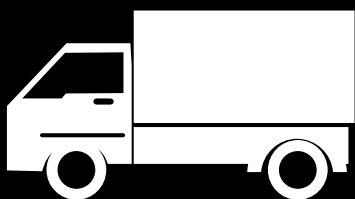# New reality in retail

The fast growth of online retail continually presents new challenges to the logistics sector:

Short delivery times

Returns rate over 40 %

Constantly changing range of goods

How can all these demands be fulfilled? Easily! Put everything in our pocket sorter, process the orders at high speed and provide returns for resale. EcoPocket raises e-commerce logistics to an all-new level. Act faster, more efficiently, flexibly, and sustainably with our pocket sorter solution.

EcoPocket

Pocket sorter system speeding up order fulfillment

- Ideal for omnichannel and e-commerce
- Scalable and space-saving design
- Ideally suited for a wide range of items
- Flexible integration into existing warehouse systems
- Automatic or manual filling of the pocket
- Goods measuring up to 500 x 380 x 150 mm (20 x 15 x 6 in) and weighing 3 kg (7 lb)
- RFID tracking
- Dynamic buffering of goods
- Simple returns handling
- Ideally combined with the OSR Shuttle™ Evo storage system
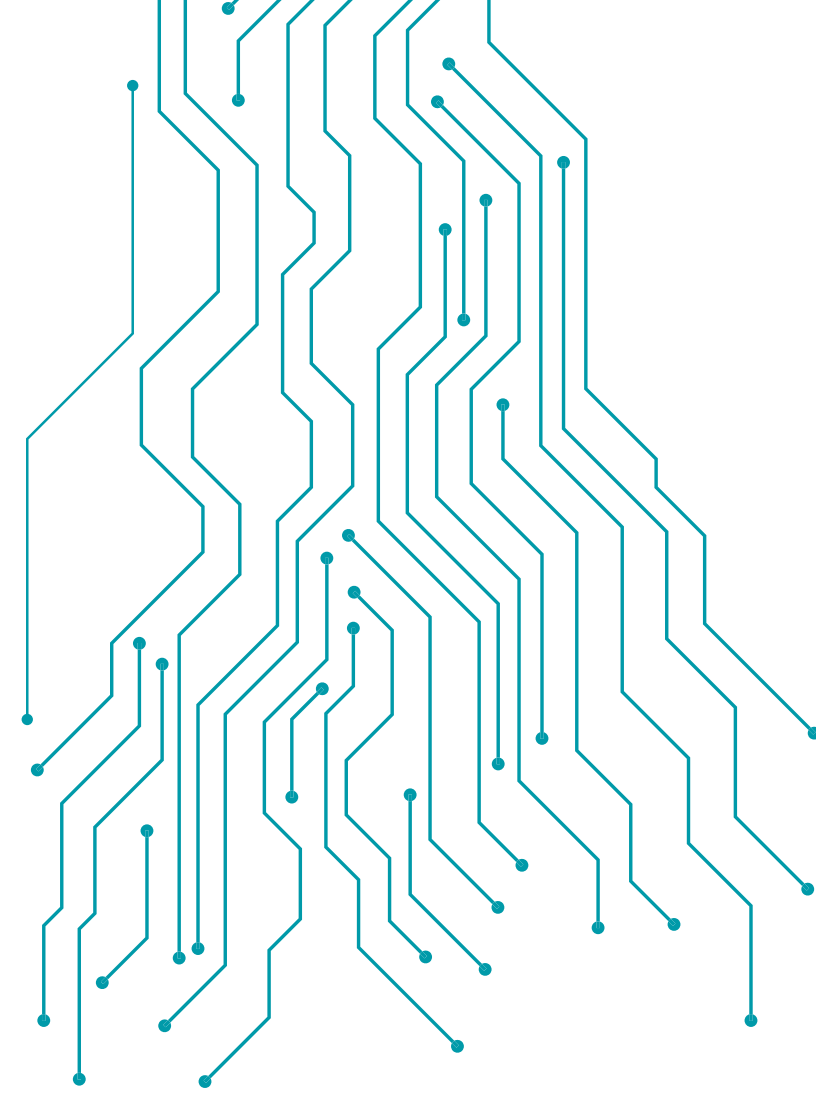- Intelligent software and control system
- Automatic pocket loading using the Pick-it-Easy Robot

Highest level of standardization

With over 90 adapter systems and more than 8 million EcoPockets sold, we at KNAPP have gained tremendous insights. Decades of experience has also made us market leader in designing large-scale warehouses. The high number of common parts allows for a simple standardization of the solutions. The intelligent KNAPP design enables high-speed sequencing of single items despite huge system sizes. Thanks to the modular design of the EcoPocket solutions, the system can grow along with the company.

Easy returns handling

Cost-efficient handling of returns is a clear case for the pocket sorter. The EcoPockets with returns are stored in the dynamic buffer and are immediately made available for resale. They are prioritized in the system so that the majority leaves the warehouse within a short time.
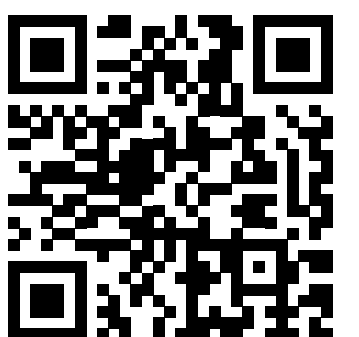
Optimal flexibility

The EcoPocket solution transports a very wide item range. Items measuring up to 500 x 380 x 150 mm (20 x 15 x 6 in) and weighing 3 kg (7 lb) are suitable for transport. Furthermore, the dynamic buffer is ideal for fast-moving items and seasonal peaks: Prior to a peak, the EcoPockets are filled with popular items either manually or automatically using the Pick-it-Easy Robot. Then, the filled pockets are stored in the dynamic buffer from where they are retrieved as needed. This saves valuable time and resources.

Article feeding from above

One article per pocket

Picking from the side

RFID tracking

Further information about EcoPocket:

What is a pocket sorter system?

The pocket sorter system is an overhead sorting and sequencing system equipped with sorter pockets. The pockets transport single items of different properties.

This is how EcoPocket works:

- Clothing, shoes, accessories, and more are all conveyed, buffered and merged to a complete customer order in one system.
- Each item is transferred to a pocket: Thanks to RFID technology, every single item can automatically be accessed.
- As soon as a customer order has been received, the corresponding single items are provided to the pack stations fully automatically, unmixed and in the defined sequence using intelligent matrix sortation.

The goal is to process a large number of customer purchase orders as fast as possible. In combination with the storage system OSR Shuttle™ Evo, EcoPocket is the ideal solution for fashion and retail logistics as well as for e-commerce and omnichannel applications.

Powerful
Returns optimized
Flexible

KNAPP

We look forward to your message:
sales@knapp.com

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