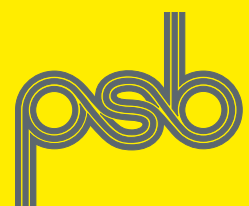




psb Best Practice

**Peter Hahn**

Trolleyless overhead transport  
system



CREATING YOUR  
INTRALOGISTICS

# *Peter Hahn* **Trolleyless overhead transport system** for efficient processes

## **Customer**

Peter Hahn GmbH  
73650 Winterbach / GER

## **System**

Trolleyless overhead transport system with grid conveyor, hanger conveyor and Power&Free hanger conveyor

## **Contact**

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Peter Hahn

Peter Hahn is an internationally recognized premium manufacturer of ladies and mens wear, with a company tradition of more than 50 years in business. The entire product range is sent from the headquarters in Winterbach (Stuttgart) to end customers and Peter Hahn stores.

## **Design criteria**

In order to be prepared for the increasing market demands, the receiving process for hanging items had to be restructured. The existing trolley conveyor technology had to be replaced by an automated system installation. The storage capacity in the receiving buffer had to be increased also.

## **The solution**

The previous trolley conveyors were replaced by a new automated trolleyless system by psb.

In the receiving area, a telescope is utilized for unloading. This way, the items can directly be pushed onto an S-shape conveyor (Power&Free hanger conveyor). A coat hanger counting device is used for counting the garments.

On the top floor, the items are transferred to a grid conveyor, which distributes them

automatically to the QC buffer lanes (quality check). There, the goods are buffered until approval. In the non-automated area, manual tracks are employed.

After several manual processes (relocation, sortation, checking, etc.), a grid conveyor moves the items to four different target areas.

