

# Warehousing and order picking system for the direct sale of health products

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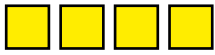


HEALTH CARE



Case Description





experience the difference



100 years Sanct Bernhard – 100 years of dedication to health. According to this motto, Kräuterhaus in Bad Ditzgenbach develops, produces and sells directly to customers fresh top-quality health products. The customers can select from more than 500 different natural medicines, herbs and cosmetics.

## Design criteria

The new logistics center was built in order to meet the requirements of the company's positive business expansion. The order processing time for the customer requirements is reduced by installing a bulk pallet warehouse plus an automatic carton/tote storage for picking the customer orders. The goods receiving and packing areas are also integrated in the overall system.



## The solution

The incoming orders are transferred directly from the internal call center to the automated small parts (carton/tote) warehouse.

The orders are processed and picked on the same day, and normally dispatched on the following day.

The replenishment pallet warehouse (4 aisles) is operated by means of VNA trucks, controlled via RDT terminals.

In the small parts warehouse (2 aisles), *sprinter*® AS/RS miniload cranes can store up to three

boxes in one location (i. e. 3-deep).

The customer orders are processed by means of a »pick-by-light« system at 16 stations, with 800 live storage channels. Packing is completed at 12 packing stations. From there the packages are directly transported to the loading bay.

The *psb selektron*® Warehouse Management System (WMS) controls both storage areas, organizes order-picking and supervises the entire material flow of the system.

**Customer:** Kräuterhaus Sanct Bernhard GmbH  
D-73342 Bad Ditzgenbach / Germany

**System:** Automatic small parts warehouse with 2 *sprinter*® AS/RS miniload systems, pallet warehouse with control system for VNAs, conveyors, pick-by-light system, *selektron*® warehouse software