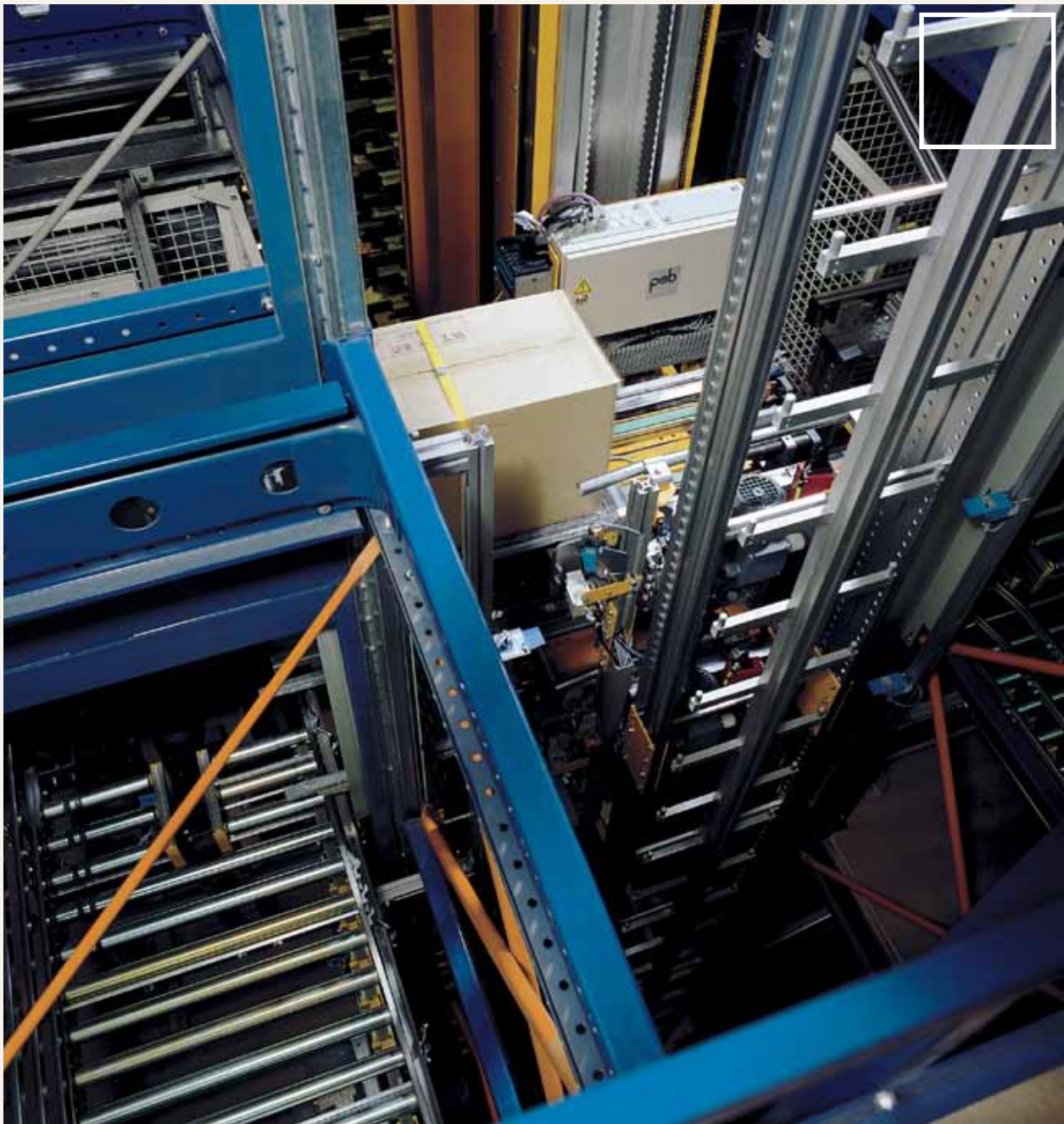


Highly-dynamic Distribution Center for Mail-order Company

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THIRD-PARTY
DISTRIBUTORS



Case Description



■ ■ ■ ■ experience the difference



J. D. Williams & Co. Ltd., member of N. Brown Group plc, is one of the leading mail-order companies in Great Britain. Distribution is done centrally from Shaw/Oldham in the Manchester area.

Design criteria

The expected business expansion and the customer's demands for prompt service (24-hours service) made it inevitable to extend the existing operation considerably. In particular, the goods-receiving area, the storage of boxes and order picking needed to be reorganized.



The solution

In contrast to traditional solutions, the system is operated without pallets. Core of the equipment is a double-deep tray storage with 404,000 locations (final extension). On the trays,

both, the original cartons of the suppliers and the boxes already used in the existing system can be stored and transported. The tray storage serves as picking and replenishment warehouse and is also connected with an extensive MHE (Material Handling Equipment) to the receiving area, picking and rebox stations, special-purpose workstations, sorters and multi-level shelving pick faces.

Without reboxing – except for quality checks – all cartons are put onto trays and transferred into storage. On the basis of the retrieval batches from the order processing system, retrieval orders are generated. These orders partly serve as supply to the shelving pick face. On the other hand they are already picked according to customer's orders, with each picked item receiving a clear customer order-related label. In a further step, this label serves for »marrying« together the customer orders.

Customer: Fulfilment Logistics / J. D. Williams & Co. Ltd.
Oldham OL28PJ/Great Britain

System: 32 *runloader*[®] cranes on 2 levels, extensive material handling and distribution system including the *psb selektron*[®] Warehouse Management System with database cluster server