



Enhanced order consolidation/fulfillment solution for Finnish book distributor

Challenge / Project goal

- Installation during ongoing operation
- Reducing floor traffic
- Improved material flow
- Future-proof solution

Scope of delivery and performance

- 365 m denisort for order fulfillment; 740 sorter trays
- 8 infeed stations (lift to 3,2 m sorter level height)
- 1 special goods infeed station
- 46 book order stackers
- 105 m deniway for carton box distribution (outbound)
- 4 diverter with 8 m roller conveyor for manual pallet loading
- Interface to ERP system

Customer details

- Kirjavälitys Oy
- Book Distributor - Logistics, Wholesale and Digital Services
- Turnover 81'900'000 €
- 18'700 m² storage space
- 23'500 places for pallets and 10 km racks for picking
- 80'000 titles available, 30'000 titles in storage



Solution / Result

- Volume: 17'000'000 books per year;
approx. 1'150'000 deliveries per year
- Sorter Performance: 7'500 books/h;
60'-100'000 books per day
- Sorter Speed: 1,35 m/s
- Tray capacity: max. 12 kg
- Tray size: 320 x 370 mm
- Special and custom-designed infeed-stations,
stackers and trolleys
- Barcode identification
- Year of installation: 2019



Reason Why

- Growing output volume
- Cost-saving automation
- Use of available overhead space
- Improved capacity within the existing facility;
no building extension required

