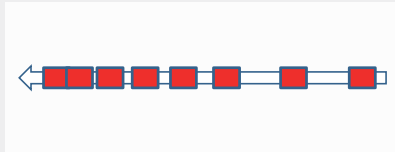


CONCEPT EXAMPLES

ACCUMULATION CONVEYORS



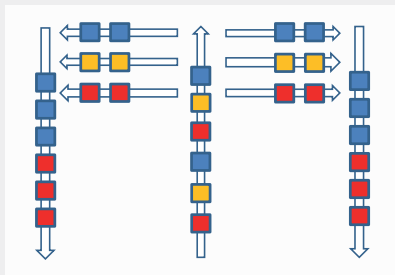
- Low pressure accumulation
- Friction drive rollers



SEQUENCER



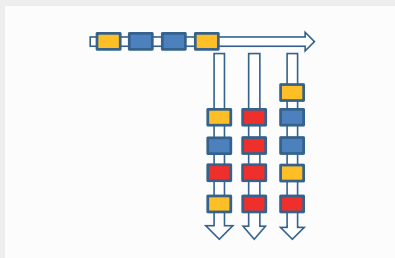
- 900 - 1.200 cases/hr per level
- Single & multi-level
- Reshuffle sequence of cases within flows



SORTER/EXPEDITION CHUTES



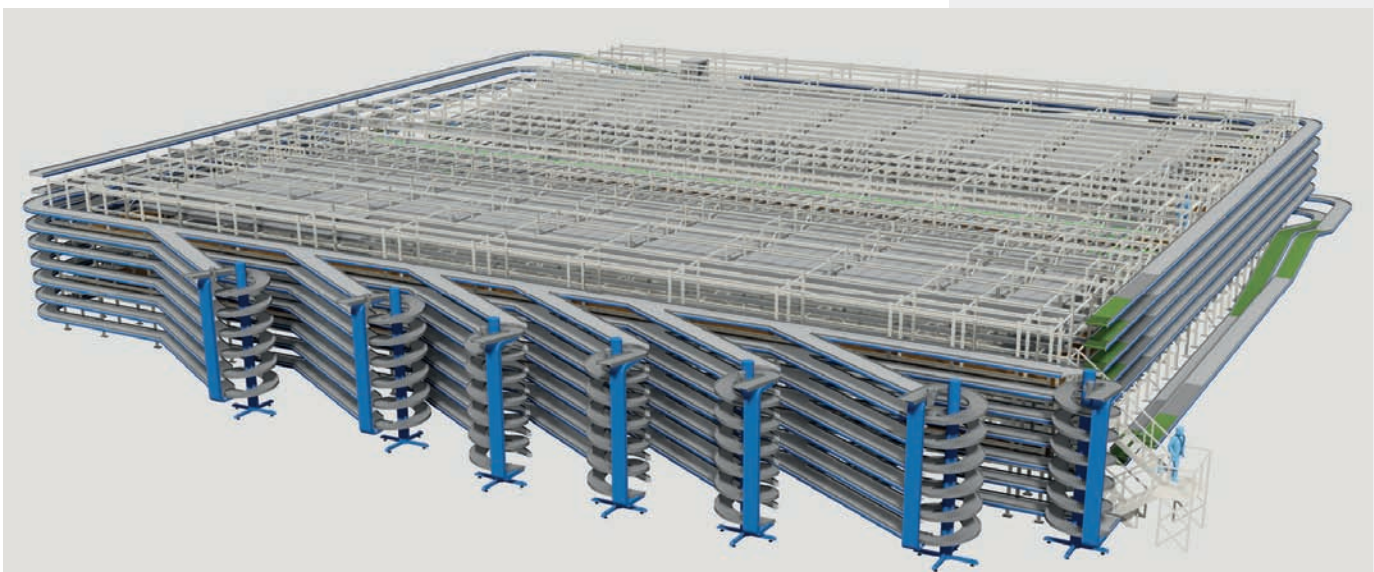
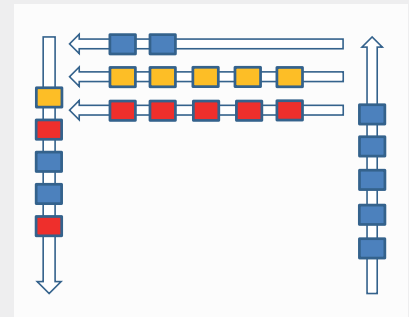
- Chutes up to 20 m
- Low pressure accumulation
- Chutes under angle OR horizontally





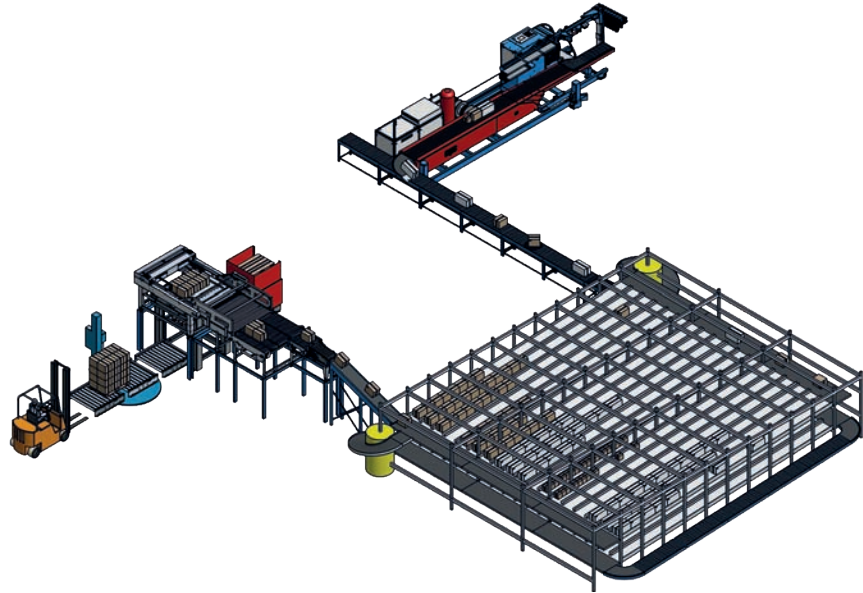
ORDER RELEASE MODULES

- Full case order picking
- Suitable for many kinds of packaging types (no tray-handling required)
- Case buffering in friction drive accumulation lanes
- Low energy consumption
- Compact design
- Up to 10.000 cases/hr per module:
 - in the right sequence
 - in the right quantities
 - at the right moment!



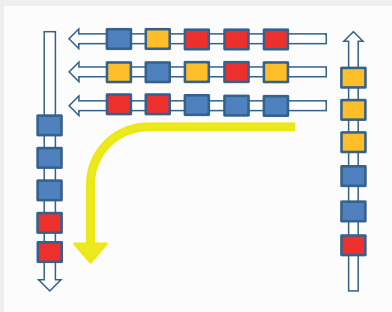
PALLETIZING BUFFER

- Intermediate Storage of SKU's
- Fast replenishment to palletizing station
- Sequencing & buffering
- Single & multi-level



EXPEDITION BUFFER

- Random infeed of cases by crossbelt sorter or shuttles
- Collection of customer orders per lane
- Accumulation lanes
- Release of orders lane by lane
- Suitable for many kinds of packaging types (no tray-handling required)
- Up to 1.200 cases/hr per level:



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DLS FRICTION DRIVE™ TECHNOLOGY

PARTS AND CONCEPTS



MAIN PARTS

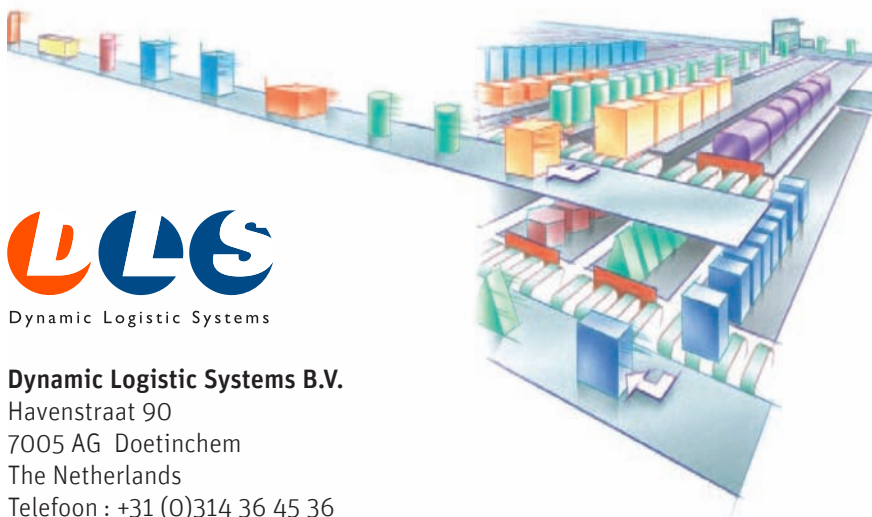
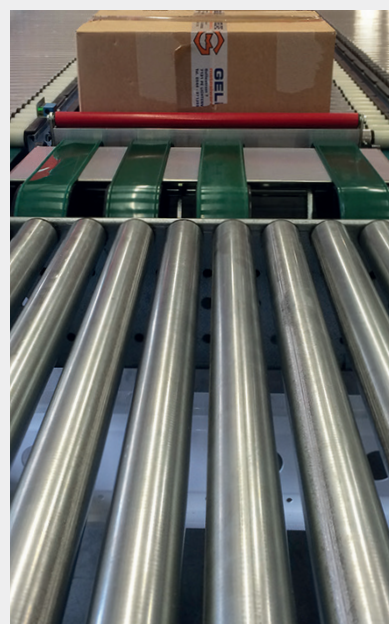
INBOUND CONVEYOR WITH DRIVING PUSHER:



FRICTION DRIVE™ ACCUMULATION LANES



DISPENSERS TO RELEASE CASES ON OUTBOUND CONVEYORS



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