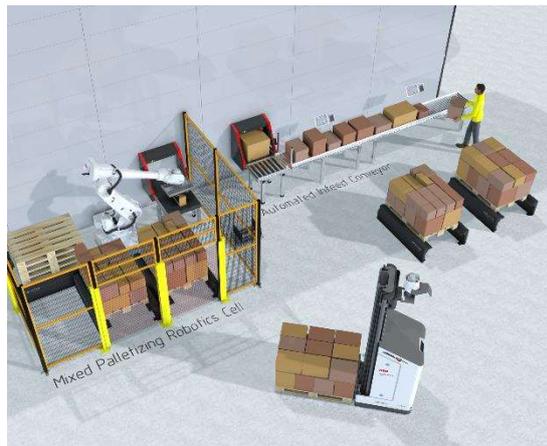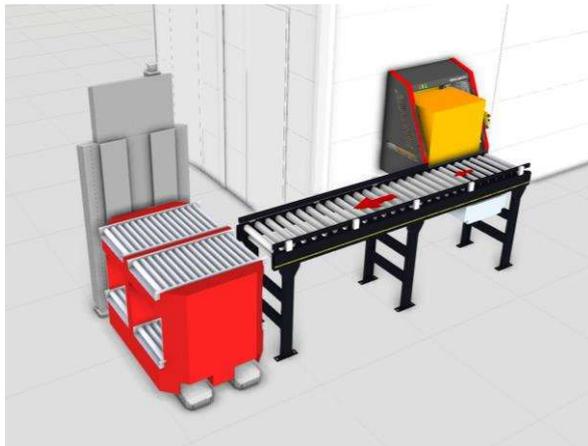# Agilon Conveyor interface: Seamless material flow in and out of Agilon

Agilon is a modular, automated storage and retrieval system designed for production, distribution, and maintenance logistics. It allows fast, safe, and fully automated handling of materials, kits, sets, tools, and equipment. Agilon integrates with conveyors, trolleys, AMRs, and warehouse software to optimize material flow, reduce manual handling, and improve operational efficiency.

Why Agilon conveyor interface
Compared to vertical lifts, Agilon integrates directly with conveyors, robots, and AMRs, delivering end-to-end automation that eliminates human handling and reduces costs.

Key features

- Outfeed conveyor available now with performance up to 120 boxes per hour

- Infeed conveyor (available Q1/26) automates material infeed to Agilon

- Complete solutions or a simple interface, tailored to your requirements.

Use cases

- Automated inbound to Agilon → No waiting times, lower labour costs.
- Mixed palletising → Optimise box placements and patterns.
- Direct interface with conveyors and AMRs → No manual handling.
- Automate in/out material movement → Save time and labour costs.
- Material buffering on conveyors → buffers allow continuous operations.
- Flexible transfers via AMRs, industrial robots, or cells → Optimise your automation level.
- Enables integrated picking & kitting stations → for fast picking and set making processes.
- Interface with de-palletising robot cells → Automated the infeed from a pallet to the warehouse

Benefits

- Full automation of material infeed and outfeed, no manual handling required
- Higher throughput compared to manual access points
- Safer operations through reduced manual lifting and movement
- Enables kitting and set making with an infeed and outfeed combination

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