

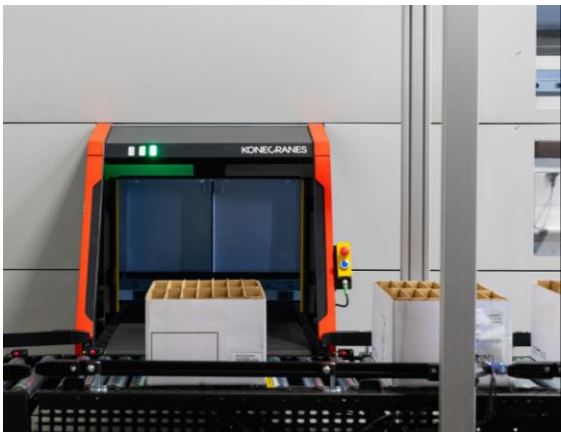
Conveyor interface

Seamless material flow between Agilon storage, conveyors, and mobile automation

The Agilon Conveyor Interface extends warehouse automation beyond storage by connecting Agilon directly with conveyors, AMRs, robots, and warehouse control systems.

It supports automated material infeed and outfeed, reduces manual handling, and provides continuous, controlled material flow across inbound, storage, production, and outbound processes.

With modular integration options, a scalable architecture, and real-time system visibility, the conveyor interface allows companies to build automation step by step without locking into a single material-handling method.



Typical use cases

Use case	What happens	Customer benefit
Automated infeed	Items are transferred from conveyors into Agilon storage	Reduces manual handling and stable inbound flow
Conveyor buffering	Temporary staging before storage or dispatch	Smoother operations during peak situations
Internal flow connection	Materials move between storage and downstream processes	Predictable internal material flow
Kitting and picking supply	Items are delivered to picking and kitting stations	Faster and more reliable order fulfilment
Automated outfeed	Items are transferred from storage to conveyors or dispatch	Efficient and consistent outbound handling
Integration with AMRs and robots	Connection to mobile robots and automation	Flexible operations across environments



Technical overview

Structure and mechanical integration

- Suitable for integration with industrial conveyor systems
- Robust structure for continuous industrial use

Automation and operation

- Automated infeed and outfeed processes
- Hybrid and scalable automation setups

Safety and ergonomics

- Reduced manual handling and physical strain
- Safe automated material transfer between connected systems

Connectivity and integration

- Integration with WMS, ERP, MES, and warehouse control systems via REST API
- Connection between Agilon, conveyors, AMRs, and robots

Reliability and operating environment

- Designed for high-cycle warehouse operations
- Suitable for production, maintenance, and distribution environments

Agilon integrates storage, conveyors, and mobile automation systems into a single, coordinated material flow rather than isolated solutions that interrupt flow, require manual handovers, or limit scalability.

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