

The image shows two Filics Streamliner AGVs (Automated Guided Vehicles) in a warehouse environment. The AGVs are black with green accents and are positioned on a dark floor. They have blue lights on the front and back. The background shows wooden pallets and a concrete floor. The overall lighting is dim, with the AGVs' lights providing the main illumination.

Filics



Closing the horizontal automation gap

Filics Streamliner – the omnidirectional double-runner system for narrow spaces

*Reduced
to the max.*

FILICS STREAMLINER

Autonomous pallet transport reinvented

The Filics Streamliner is an autonomous mobile robot designed for floor-to-floor pallet transport. Its ultra-flat double-runner design allows the system to move underneath euro pallets and similar load carriers – without maneuvering or turning, even in narrow spaces. This is how Filics closes the horizontal automation gap – enabling space-efficient, fully autonomous pallet transport, 24/7.


Wherever pallets need to be moved

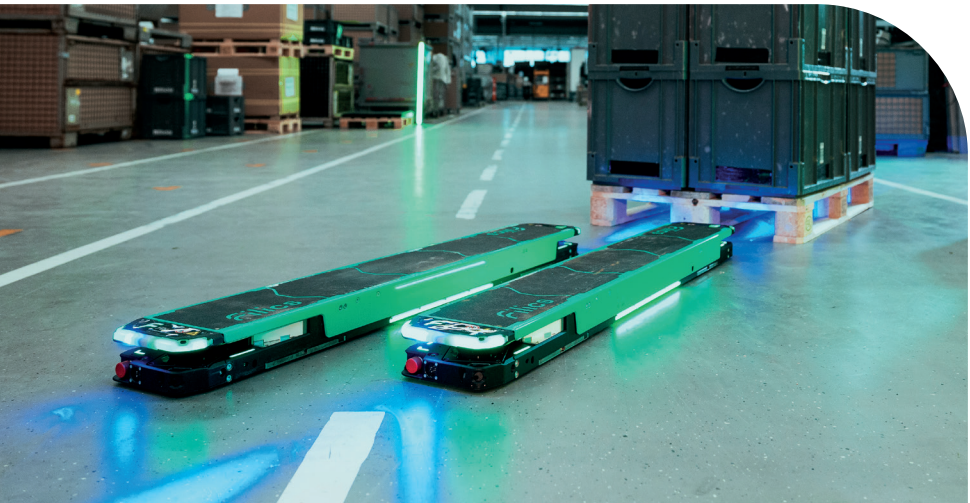
 Manufacturing industries

 Logistics & intralogistics

 Food & FMCG

 3PL & contract logistics

 Pharma & regulated environments





BASIS

Filics Streamliner

The compact core for automated A-B pallet transport in tight spaces.

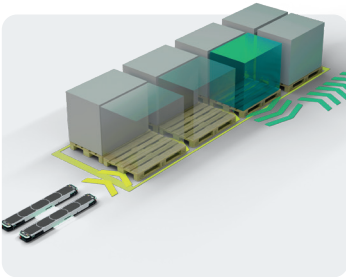
- Transport of EPAL & similar pallets
- Includes hardware, software and charging station
- Web-based configuration and easy system integration



+ MODULE OmniCarrier

Extends the Streamliner through software for maximum flexibility across different load carriers.

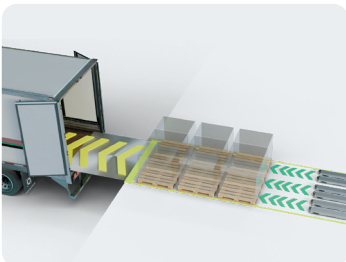
- Support for additional load carrier types
- Static and dynamic load carriers
- Reduces system complexity within the warehouse



+ MODULE OmniFlow

Extends the Streamliner with intelligent process logic for demanding material flows.

- Conveyor-like movements
- Block storage logic
- Dynamic row handling

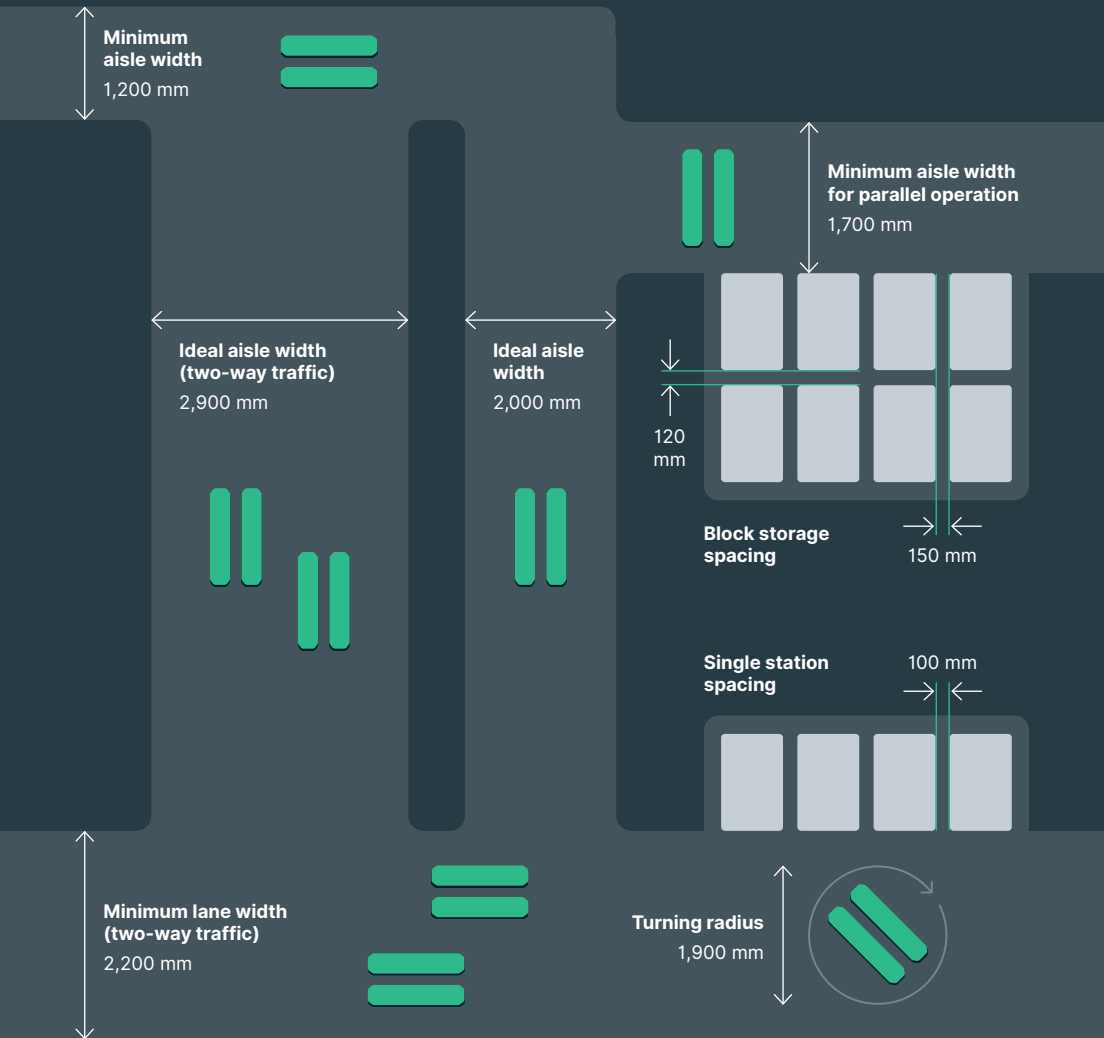


+ MODULE Truckloading

Extends the Streamliner with a highly efficient solution for autonomous truck loading.

- Loading and unloading in approx. 10 minutes
- Maximum space utilization
- Seamless integration into existing material flows

The new benchmark for narrow aisles



Technical data

Filics Streamliner

Specifications

Dimensions 1,350 x 200 x 92
L x W x H in mm

Weight per runner 58kg

Temperature range 2° C to 40° C

Drive system

Wheels 4 per runner

Drive system Omnidirectional

Speed 1.2 m/s

Lifting system

Load carrier Euro pallet and similar

Lift height 90 mm

Payload 800 kg

Battery

Type LiFePO4

Operating time 6 hours

Charging time 30 minutes

Safety

LIDAR Performance Level D

Certification DIN EN ISO 3691-4

Time-of-Flight Safety

Communication

Bluespot Driving direction indication

Speaker Acoustic warning signals

Interfaces Fleet management and WMS integration via VDA5050

About Filics

Founded 2019 in Munich by engineers from the Technical University of Munich, Filics was built on a single ambition: to reinvent horizontal material flow.

With the Filics Streamliner, Filics establishes a new category of autonomous mobile robots for intralogistics. Its omnidirectional dual-runner system enables floor-level pallet transport and handling of similar load carriers – without maneuvering or turning, even in the tightest spaces.

Filics exists to close the horizontal automation gap: enabling movement precisely where conventional systems meet their limits.

Ready for the next step?

See how the Filics Streamliner integrates seamlessly into your operations.



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