

# Automated guided vehicles

**Automated Guided Vehicles (AGVs) enable the safe and completely automatic handling of goods, as they do not require a human operator.**

## **AGV solutions designed for you**

For many years we have developed our own extensive line of AGVs, ranging from the standard single-pallet forklift truck AGV to highly customized vehicles suited to specific customer applications.

AGVs are designed for extreme situations, such as those found in clean-room environments, outdoor applications or deep-freeze warehousing.

These vehicles can be deployed in different configurations, such as reach truck, fork-over leg, counterbalanced forklift, very narrow aisle (VNA), and with conveyor bed, among others.

Depending on the load type, size, weight and reach height of the application, different load-handling devices can be used, such as fixed/adjustable forks, telescopic forks, conveyors, satellites, trilateral heads, and push-pull or clamp devices.

Autonomous navigation is achieved by means of laser reflection, sensors for natural navigation, inductive wire, magnetic strip/spots or a combination of these, according to the application's requirements.



**“There is a lot of innovation happening, and we stay agile by integrating with the latest and greatest technology.”**

**Michiel Veenman**  
Körber

## **Key benefits**

### **Technology agnostic**

We don't stick to any single technology. We deploy the technologies that work best to increase your process innovation and reduce your business complexity.

### **Practical thinking**

By understanding the business processes and material flows you need to optimize your competitiveness, we shape the optimal supply chain solution for you.

### **Risk-free delivery**

We deploy the newest technologies only after thoroughly evaluating their design, reliability and effectiveness. In this way, we deliver risk-free projects on time and with the right result.

### **Research-based results**

By taking the time to understand your business operations and value chain, we deliver custom solutions for your B2B, B2C and online supply streams.



Different alternatives for battery charging are available, from manual replacement or charge by opportunity up to fully automatic battery exchange stations.

#### Main configurable characteristics

- AGV operating areas: warehousing, production, reception, dispatch
- Type of load units handled: pallets, containers, totes, cartons, frames
- Type of load-handling devices
- Charging concept
- Navigation mode

#### The Körber difference

We map your existing processes and customer requirements, and implement targeted, meaningful solutions. By applying integrated technologies developed by the leading industry innovators, we remain responsive and agile to our clients' changing needs.

**“Our aim, first and foremost, is to be the best lifecycle partner for our customers.”**

**Thomas Metz**  
Körber

#### Our solution in use



#### The Navigator Company

This leading force in the international pulp and paper market uses Körber AGVs to accurately and quickly transport and store reels of paper, supply empty pallets, replenish packaging material and feed production lines.

**Contact us to discuss your warehouse's requirements**

[koerber.com/competency](https://koerber.com/competency)

