

# Rail guided vehicles

**Our rail guided vehicle (RGV) solution, based on an intelligent high-speed monorail guided carrier system, is suitable for a wide range of applications.**

## Connecting distant locations

An RGV is a cost-effective and high-speed system that connects various warehouse locations via a lightweight infrastructure. This is a highly efficient alternative to long conveyor lines when it comes to transporting products over distances within the warehouse.

The system can also be used as a sorter, to sort handling units into different destinations.

In addition, modular RGVs provide a high level of flexibility because all vehicles are interchangeable and the loops are easily expandable.

## Customized solutions

RGV systems can be customized to meet your organization's specific requirements. In certain use cases, RGVs with the capacity to carry multiple load units can be implemented.



**“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.



RGVs can run along nearly all routes by means of a track rail system, which ensures the swift and constant transport of products.

If rail tracks need to cross each other, rail switching devices or rotating tables can easily be integrated to ensure safe and fast route changes.

Other options, such as parking areas, can also be included to save energy consumption and increase delivery throughput during off-peak times.

#### **The RGV system**

The main parts of the system are:

- Rail guided vehicles (RGVs)
- Track rail system
- Material flow control system

#### **Features**

All components have the following features:

- Simple and easy design of the components in accordance with all safety standards and guidelines
- Easy handling
- Easy access to parts for maintenance
- Low energy consumption
- Low noise level transportation

### **Our solution in use**



#### **Next**

As part of a fully automated distribution center delivered for the home & garden division of Next, Körber developed an RGV system, which was the most cost-effective, flexible and resilient solution to connect operational areas across the warehouse.

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

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

#### **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

