



Extremely flexible
and ergonomically
designed

Universal Railguided Conveyor for
final assembly in car manufacture

Automotive Solutions

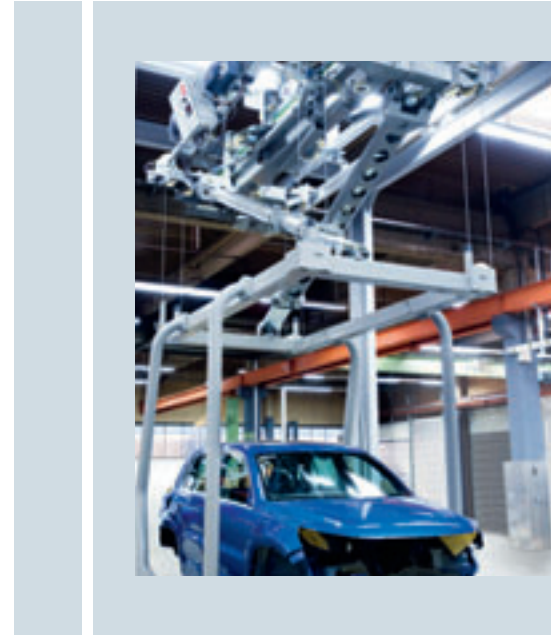
Answers for industry.

SIEMENS

Ergonomic and efficient solution to transport problems: Universal Railguided Conveyor

Whether it is a matter of a cost-effective material flow, positioning with millimeter accuracy or innovative solutions in a tight space – the focus in automobile final assembly is always on consistent productivity.

That is why conveyor systems demand maximum flexibility and ergonomic operation. A demand that our new Universal Railguided Conveyor with diagonal telescopic hangers is more than capable of meeting.



A simple advantage

The Universal Railguided Conveyor is our innovative suspended monorail system with diagonal telescopic hangers for the highly flexible ergonomic design of automobile final assembly. As a floorless conveyor system that has individually drivable and controllable vehicles, it exhibits significant advantages over ground conveyor systems. For example, even in complex plants, larger floor areas are kept clear, enabling ergonomic and process-relevant movement sequences to be integrated far more efficiently.

Proven and flexible: the components

The system is based on Siemens standard hardware and software components, even for the lifting movements, driving function and vehicle control, which are all perfectly coordinated. Innovative: the vehicle control has a contact-free WLAN communication to the stationary controller, which likewise consists of Siemens standard components. In this way, the programmable controller offers particularly flexible adaptation options.

Efficient in handling

The innovative Universal Railguided Conveyor not only boasts easy commissioning and high availability. With its optimized design – based on standard modules – and the wide variety of functions for individual and flexible adaptation to the individual tasks, it also creates optimum working conditions for the personnel. This applies not only to the working environment and the ergonomics, but also to a safety concept by means of which all relevant safety regulations are ideally implemented.

Conclusion: The Universal Railguided Conveyor provides a flexible, ergonomic and visually pleasing solution to a variety of transportation problems, while at the same time cutting overall life-cycle costs for future-proof final assembly in automobile production.



Technical information

Elegant design in facts and figures

- Payload: 2500 kg
- Conveyance speed: 40 m/min
- Lifting speed: 10 m/min
- Lift: 4000 mm

New flat diagonal telescopic hangers

The advantages of our Universal Railguided Conveyor

- Based on perfectly coordinated standard hardware and software components
- PLC-based controller technology
- Individually expandable by means of an open, modular controller concept
- Uncomplicated handling due to one data concentrator per process cell
- Minimal susceptibility to interference due to contact-free communication
- Precise, rigid guidance of hangers due to statically determined cable forces
- Increases flexibility by means of simply retrofittable add-on functions, e.g. hanger opener
- Short delivery and commissioning times due to factory presets
- Reduces life-cycle costs; also by possible regeneration of drive energy when lowering loads

Services

- Safeguards short delivery times for spare parts
- Facilitates short service times for the specialist personnel

More information?

You can obtain further details on our extensive portfolio for the automotive industry at:

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