



**Volkswagen AG**

**Wolfsburg,  
Germany**

Realisation of a logistic concept with Telelift  
MultiCar for transportation of front und rear bumpers  
to the assembly line in the VW plant Wolfsburg

## The Customer, the Requirements, the Solution

The Volkswagen Group with its headquarter in Wolfsburg is one of the world's leading automotive manufacturers in Europe. In view of an intense competition in the automotive industry and the modifying economic conditions, Volkswagen optimizes its structures and processes permanently to safeguard the sustained success of the Group.

At Wolfsburg plant the bumper manufacturing of Golf model had to be linked with the bumper assembly lines in an existing production hall with minimal footprint requirements.

This logistic process was realized optimally by implementation of a Telelift MultiCar system.

Application of modern technologies, a three-dimensional driveway arrangement and best maintain-ability enables the high professional plant for best use of available resources and provides a higher transport quality.

It is required to transport front and rear bumpers with a size of approx. 1800mm x 700mm x 700mm. To implement a conveying system in an existing building structure.

The MultiCar works in a three-shift-operation and with a cycle time of 30 seconds. 1.600.000 transports are delivered per year on two transportation lines.

# Industry



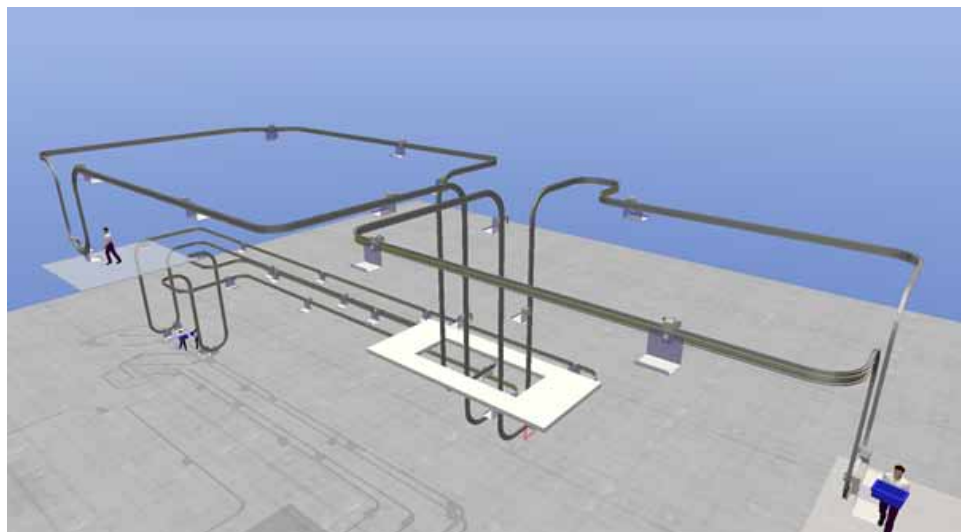
## The Solution:

System: MultiCar  
Track length: ca. 340 m  
No. of station: 4  
No. of vehicles: 48  
Commissioning: 2008  
Control: SPS TELEcontrol

## Benefits:

Cost reduction in the field of internal logistic processes.  
Acceleration of internal material handling.  
Transparency and control of delivery status.  
Just in time delivery of material. Operation availability of system, 99 percent.

Design and erection of all steelwork and safety devices. Customized software programming.



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