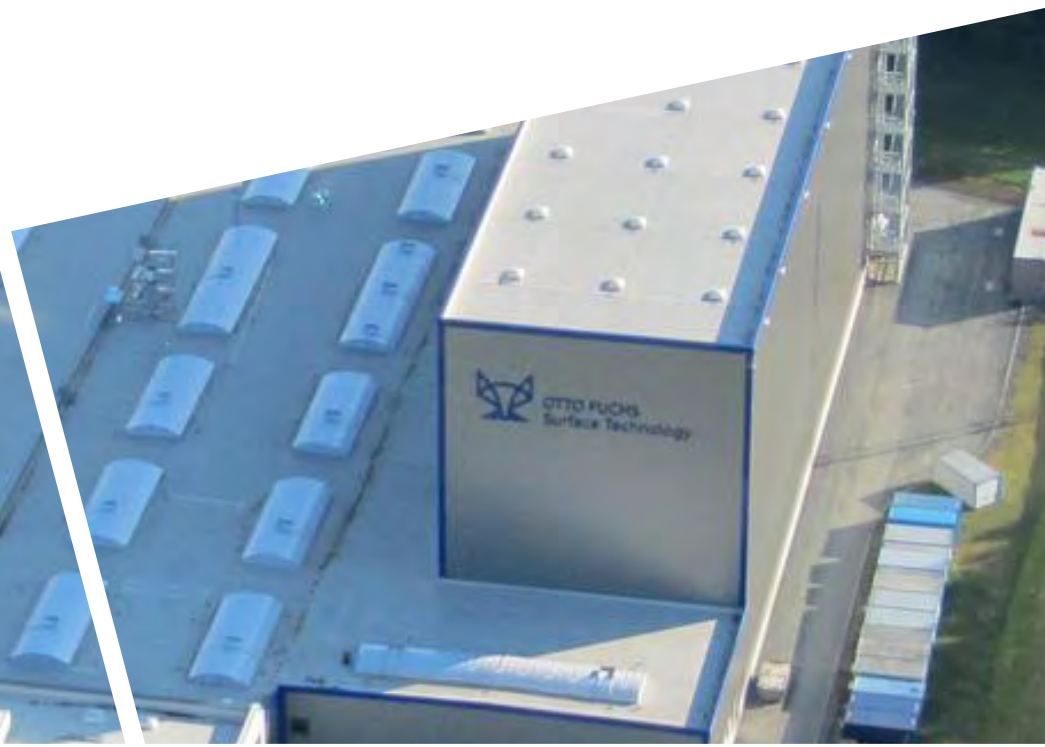




OTTO FUCHS



**NEW HIGH-BAY WAREHOUSE
FOR FORGED WHEELS**

Unitechnik
PERFECTION AUTOMATED.



INITIAL SITUATION

Flights into space, worldwide transportation of people and goods, high technology in mechanical engineering, the shaping of large cities by modern architecture ...everywhere OTTO FUCHS is represented with ideas, products and solutions. The best-known product, however, is probably the legendary „Fuchs rim“.

On a total area of almost 23,000 square meters, a new surface center for the noble forged wheels was built. These are painted and polished in various work steps. They are shipped to the automotive plants on EWPS (European Wheel Pallet System) carriers, which are standard in the industry.

The new logistics center serves to efficiently handle just-in-time call-offs from customers. Further important goals are the consolidation of the previous block storage areas and the reduction of the effort in order picking as well as the increase of theft and goods security.



OTTO FUCHS

OTTO FUCHS KG

Meinerzhagen, Germany

Automatic handling of
EWPS load carriers



SOLUTION

Up to 1.3 million forged wheels are stored annually in the new high-bay warehouse and prepared for shipment. Unitechnik realized the automatic warehouse in silo design on a turnkey basis.

The EWPS load carriers for the automotive sector do not correspond to the usual standard sizes in intralogistics. They are used in the OTTO FUCHS warehouse in four different variants (type 2, 3 and 4 as well as a special pallet).

The solution from Unitechnik provides for double-deep transverse storage of the load carriers of different lengths. Various combinations of EWPS pallets are stored within the system compartments.

Up to 18 pallets are prepared for truck loading on four shipping lanes.





TECHNOLOGY AND KEY FIGURES

- UniWare-LVS with host connection to SAP ERP
- High-bay warehouse in silo design for 8,100 storage locations
- 3 storage and retrieval machines
- 1 transverse transfer car with double load handling device conveyors
- Transport systems for EWPS load carriers (European Wheel Pallet System)
- Flexible rack assignment for different pallet types
- Complex contour control during storage



Unitechnik *PERFECTION AUTOMATED.*

For two generations **Unitechnik** has been a successful owner-managed family enterprise. For five decades we have been counted among the leading providers of industrial automation and information technology. We plan and realize customized systems for in-house logistics and production whereby we are active throughout the world as an one-stop supplier.



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