

AUTOMATED TRUCKS FOR EXCEPTIONALLY HIGH RACKING



The 16 m high special racking in the new warehouse



Client: KOMSA Kommunikation Sachsen AG

Employees: 1,800

System solution: Semi-automated narrow-aisle warehouse (automated driving/manual storage)

Goods stored: EUR-pallets

Product: Electronic and IT components

Area: 3,200 m²
(lwxh: 64x50x21 m)

Capacity: 14,500 pallet bays

Scope of supply: Planning and realisation, storage and transport systems incl. navigation system and racking system

Stock movements: 150 pallets/hour

TASK Developing a complete system solution following the merger of several depots into a large complex in Hartmannsdorf near Chemnitz. Setting up a high-rack warehouse with all the trimmings: 14,500 pallet bays, consistently efficient workflows, including labelling of the stored goods, and sustainably economical and safe goods transport with cutting-edge truck technology. The objective: more efficient logistics with a faster turn-around rate and greater safety for all associated processes.

CHALLENGE Responsibility for the complete project. From planning the 16 metre-high racking, to introducing highly developed truck technology, procuring all of the system components and constructing the racks.

SOLUTION A complete system solution, with high-performance trucks that can cope with loads of up to 650 kg at a height of 16 metres, can be precision-controlled using warehouse navigation and floor loops as they make their way through the high, narrow-aisle warehouse and are reliably networked with the ERP system.

BENEFITS OF THE SYSTEM SOLUTION Sven Mohaupt, Production Director Komsa AG: 'The new capacities allow us to provide an even faster service for our partners in trade and industry.'