

Case Study



Automotive

4WS

Shelf-to-Person

The Challenge

- Limited storage space within a high-volume RDC.
- Managing thousands of SKUs across wide business operations.
- High accuracy and efficiency requirements for picking and outbound tasks.



Geek+ Solution

- Optimized upper-level storage using X1200 omnidirectional robots plus high-speed vertical elevators.
- Ground-level P800 operations to move pallets and boxed parts directly to workstations for faster picking.
- Seamlessly automated bulk storage and retrieval across the vertical warehouse.

Geek+ Impact

- 8,000 m² saved through high-density, vertical storage.
- 60% boost in operational efficiency.
- 99% inventory accuracy for precise inbound/outbound control.
- 100% FIFO compliance ensuring consistent part traceability.

About Customer

Geely Auto Group is one of Asia's leading automotive manufacturers, overseeing brands such as Geely Auto, Lynk & Co, and Geometry. Its RDC manages over 7,000 parts across 400+ suppliers, supporting both warehousing and in-factory logistics.