



Overall view of the new auto storage rack system.

## New storage system

Lufthansa Technik Logistik Services (LTLS) has put a new **auto storage rack system** for small parts into operation in Hamburg.

“**A**utoStore” is an innovative, automatic storage and retrieval system in which plastic containers are stacked one on top of the other. At Lufthansa Technik Logistic Services, 19 robots move on an aluminum base frame. They retrieve items from stock and transport them to seven picking stations. 75 stock inputs and up to 200 stock outputs are possible per hour.

The “AutoStore” system covers an area of 700 m<sup>2</sup>, with 24,000 containers accommodating 215,000 batches. The compact storage concept thus enables space savings of more than 50 percent compared with the legacy system. Capacity and speed can be enhanced almost infinitely during operation.

### Optimized logistics

“The new system represents a major step toward forward-looking, innovative, and ergonomically optimized logistics,” said Lufthansa Technik CFO Dr. Peter Jansen

at the official opening. Andreas Meisel, Managing Director of Lufthansa Technik Logistik Services, added: “Lufthansa Technik Logistik Services invested a good three million euros in the ‘AutoStore’ system in the last 24 months and consequently in the efficient deployment of employees. At the same time this allows us to further improve working conditions. We have thus successfully moved away from the ‘person-to-goods’ approach formerly adopted to a more modern ‘goods-to-person’ retrieval principle.”

The investment in the new logistics system is a further step in Lufthansa Technik’s modernization program at the Hamburg location. Following the construction of a new engine overhaul center, a separate building for the new “Original Equipment Innovation” business unit, and considerable investment in the area of composite material repairs, a building has recently been constructed that includes a completely new chemistry lab among other facilities. Lufthansa Technik has quadrupled its investments in research and development in the past year. 📌

Ribbon-cutting during the opening ceremony of the new storage system.

