



LEONARDO-LED CONSORTIUM SIGNS A 150 MILLION EURO CONTRACT TO UPGRADE THE BAGGAGE HANDLING SYSTEMS AT ZURICH AIRPORT

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- **The contract, which is worth approximately 120 million euros to Leonardo, is one of the largest in recent years in the European baggage handling field**
- **This important achievement has drawn on Leonardo's exclusive cross-belt technology, which is also in use with other major logistics operators**
- **Airports in Europe and in the Gulf region, including Rome Fiumicino, Geneva, Paris Orly, Lyon, Mulhouse and Kuwait International Airport, have also chosen Leonardo's systems**

Zurich International Airport will have one of the most advanced and reliable **Baggage Handling Systems** in the world once it is **fully renovated by Leonardo** under a 150 million Euro **contract** being carried out in consortium with Austrian company motion06. The contract, which is worth approximately 120 million euros to Leonardo, is one of the largest in recent years in the European baggage handling field.

Leonardo is responsible for the overall project management, system design and integration, as well as the supply of cross-belt sorters and IT systems, while motion06 will provide some important equipment. A key factor behind **Leonardo's success is the technological excellence** of its **MBHS® cross-belt sorter**. The sorter was recently approved by **BNP Associates Inc.**, a key consultancy to the international air transportation industry.

As part of a wider programme to improve and expand the infrastructure at Zurich Airport, the **baggage handling project** will involve **most of the existing airport terminals** as well as a number of **buildings which are currently under construction**. Design activities will start in the next few weeks, with **work on-site** due to commence in the **second half of 2019** and with **final delivery in 2025**.

Zurich Airport is **Switzerland's main airport** and an **important European hub**. It has been rated by passengers as **Leading in Europe** (World Travel Award 2018). In 2017, the airport served over 29 million passengers, an increase of 6.3% over the previous year, and hosted more than 270,000 flight movements. Today the airport serves 185 destinations worldwide. The project will see most of the **existing baggage handling system's electromechanical and IT components replaced**. This will allow it to meet the **latest security standards**, improve **reliability and expand its capacity** to be able to handle **more than 16,000 bags per hour**.

Leonardo's solution will comprise **8 MBHS® cross-belt sorters with 80 induction lines**, for a **total length of about 4 km**, around **7 km of High-Speed Conveyors** for inter-terminal connections with a speed of 6m/s and **12 km of traditional conveyors**. There will also be a **conveyor-based Early Baggage Storage for 2,000 bags**. The system features **technological innovations** including advanced IT systems for management, flow management software for intelligent routing and a unique diagnostic system based on a network of Internet of Things (IoT) sensors with a 'big-data' analysis mechanism for predictive maintenance.

This contract **further boosts Leonardo's presence** in the international **baggage handling systems market**, where the Company has equipped airports including Rome Fiumicino, Geneva, Paris Orly, Lyon, Mulhouse and now Zurich in Europe, as well as Kuwait International Airport and others in the Middle East and Asia.

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