Baggage Handling Systems

We combine experience with reliability, foresight with innovation
Destination airport

We know airports inside and out – just like you. For us too, airplanes, passengers and baggage are part of our daily business. And when it comes to airport expansions or the construction of completely new terminals, we are poised at the ready.

We have decades of experience with baggage handling systems at airports all over the world – large international hubs and small regional airports alike. We understand what our customers need, whether we’re dealing with an entirely new facility, the expansion of existing systems, or maintenance and operation. Everyday, we prove our ability.

Our value proposition – your benefit
We are a market leader and trendsetter for baggage handling systems. In our day-to-day business, we combine our experience with reliability, our foresight with innovation. Whatever your need, you will find a solution in our comprehensive portfolio. Our experience with project management is a core factor for our success and ensures excellent and dependable execution times. Finally, an extensive service portfolio helps safeguard your investment. Guaranteed.

An individual product or a complete solution?
We are familiar with every aspect of baggage handling, and for you this means a partner with an extensive product portfolio. Everything is covered: check-in technology, belts and trays for baggage handling and sorting all the way up to make up and reclaim carousels – and complex systems, such as our Early Bag Stores. We also develop IT applications tailored to your facilities. And we see to the appropriate safety systems. You can pick the elements you need for an expansion.

Turnkey expertise
Or take advantage of our complete portfolio. Whether a greenfield project or an extension, a completely new facility or an expansion of an existing setup, we integrate all systems. And naturally, this also includes third-party manufacturers. You can count on our know-how.

Whatever the undertaking, to begin with our experts perform a detailed needs assessment and develop a concept. Our standard modules save time in the development phases and reduce project risks. Validation and simulation are carried out with actual flight schedules. Finally, the system is installed, tested and handed over to the customer. Ready to use.
Baggage handling is our business. Today and tomorrow. Therefore, we develop products and solutions that set trends throughout the industry – and can meet tomorrow’s needs. Here are three examples:

1. Full-service self check-in
Using Sicheck, passengers can check themselves and their baggage in – in- or outside the terminal, unassisted and 24/7. With Sicheck, check-in time can be reduced for a growing number of passengers. And that increases the productivity of airline personnel. Sicheck adheres to IATA guidelines and ensures cost efficiency. The best part: we can modify your existing check-in to get you ready for tomorrow.

2. Seamless bag transfer between the train and plane
More and more people take the train to the airport. And if they are given a choice, they don’t want to carry their baggage. The solution: baggage check-in at the train station in the city center. To make this happen, check-in, conveyors, carousels and container handling equipment have to be networked all along the way, from the train station to the train to the airport. Sibag Train automates baggage transfer from the train station to the airplane, and vice versa. The result: a truly enjoyable travel experience.

3. Baggage Base
Airport operators need to have an overview of the complete baggage handling process. They have to be able to generate precise plans and react flexibly any changes, e.g. to new flight plans. This can only be done with modern and dependable IT and control technology.
For years, Siemens has used Baggage Base, a modular standard architecture on PLC and IT level. Primary advantages: flexible deployment and ability to enhance down the road as needs change. Baggage Base is at home in some of the world’s leading mega hubs: Beijing, Dubai and Seoul/Incheon. For small and mid-sized airports, Baggage Base Light can be taken off the shelf and deployed.
Whatever the situation, whether for a new installation or to retrofit an existing system, Baggage Base is the right solution.
**Investment protection far into the future**

You need a baggage handling facility that combines high system availability, dependability and operational efficiency – over a long period of time. Your investment must retain its value. To ensure that this is the case, we offer a comprehensive portfolio of modular technical services that can be adapted to individual needs. Spare parts management, on-call services and comprehensive operation and maintenance are just a few highlights. We take care of the facilities we build as well as those from third parties.

**Changing requirements**

Standstill is not something the airport world knows. More and more people travel with airplanes. All passengers expect relaxation and comfort. At the same time, strict safety requirements must be met, as well as new environmental regulations. Your baggage handling facility must be ready for change. Siemens is.

**Beyond baggage handling**

Baggage handling is our business. But we don’t stop there. We have the entire airport in check.

**Siamos**

Siemens Airport Management and Operations Suite (Siamos) optimizes overall performance at airports, makes the most of resources and helps avoid delays. Siamos ensures smooth interaction between the different airport processes. Now travelers can reach their destinations stress free and on time.

**Capacity Plus**

Need a complete terminal – but just for a while? Siemens’ answer: CapacityPlus. With CapacityPlus airports can tackle temporary passenger peaks, such as during large sporting events. These temporary terminals can either be set up in existing buildings or in lightweight constructions – even in tents.

**Green Airports**

Siemens supports the aviation industry in its efforts to become greener. Airports can also lower their energy use and CO₂ emissions. Take advantage of our comprehensive consulting offering. After a detailed inventory, we show you how you can become more sustainable – and at the same time save money.

From individual components all the way to complete baggage handling facilities, we have everything covered. And more. Siemens is your partner for excellence.
The information in this document contains general descriptions of the technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract.