



SUCCESS STORY

Challenge Air Hub Cologne-Bonn

Expansion and modernisation of complex multi-storey sorting and conveyor technology

PROJECT BRIEFING

PROJECT

Extension and modernisation of a parcel sorting centre

LOCATION

Cologne-Bonn Airport

END CUSTOMER

Global parcel service provider

CLIENT

Leading German supplier of systems and solutions for mail and parcel automation, baggage and cargo handling

TASK

Mechanical and electrical installation of sorting and conveyor technology

CHALLENGE

Installation of around 8 kilometres of multi-storey complex systems, partly during ongoing operation



“We convinced our client through our reliability and adherence to schedules, as well as technical competence, proven in several joint projects, to also lead this challenging project to success together.”

Ervin Sarkinovic, Project Manager

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Expansion and modernisation of complex multi-storey sorting and conveyor technology

Cologne-Bonn Airport is the backdrop for one of the most challenging projects in our company's history. A leading global parcel service provider is expanding and modernising its European distribution centre here. SAMONT was entrusted with the mechanical and electrical installation of complex multi-storey sorting and conveyor technology.

The client in Cologne-Bonn is a leading German provider of products and solutions in the areas of mail and parcel automation as well as airport logistics. The company is supervising the project as general contractor and system integrator.

Central importance of the air cargo hub

The Cologne-Bonn Air Hub is of central importance as the most important European air cargo hub for incoming and outgoing parcel shipments. Night after night, a dedicated fleet of cargo aircraft transports hundreds of thousands of private and business parcels from all over the world to Cologne-Bonn. There, the parcel streams are further processed using highly automated technology. The facilities, which are spread over several halls, can process up to 190,000 parcels per hour – after the expansion that is currently underway, there will be tens of thousands more.

Hand in hand: increased efficiency and sustainability

State-of-the-art technology replaces aging facilities, which are being expanded at the same time. Technical advancements increase the process speed and at the same time reduce the consumption of energy and resources. The result: intelligent automation increases the already high cycle rate even further.

Integration during operation

The technology required for expansion and modernisation not only needs to be developed and produced, but also brought to life for reliable operation. This is the task of SAMONT's specialists – and in the case of the hub in Cologne-Bonn, one of the most challenging in the company's history. What makes the project so special? For one thing, it is the scope and complexity of the services to be provided. A total



of around 8 kilometres of conveyor and sorting technology has to be installed on several levels. And that's not all. Most of the work has to be done while the plant is in operation. The end customer cannot afford downtime.

Precise planning and project management

Teams with up to 100 employees will be working in Cologne-Bonn until autumn of this year. Material flows have to be planned and managed, assembly teams controlled, schedules monitored, safety regulations observed, processes documented.

Reasons for the decision: Reliability and competence

Why did the customer choose us? Project manager Ervin Sarkinovic names two main reasons: Firstly, the reliability and adherence to deadlines demonstrated in several joint projects, and secondly, the technical competence that proves itself not only in the mechanical and electrical installation, but also when one problem or another arises that needs to be – and is – solved both quickly and expertly. Added to this is the flexibility with which personnel capacities are provided to accompany the respective project status. "The customer trusts us," Ervin Sarkinovic sums up. "And we will not disappoint him".

