

### Smart logistics meets historic architecture: Automated Guided Vehicles interlink post and customs with new mezzanines in the mail center Zurich-Mülligen

- German automation specialist Grenzebach supplies automated guided vehicles and Fleet Manager to automate the intralogistics of the Swiss Post and customs in the letter center Zurich-Mülligen.
- Gilgen Logistics, Swiss general contractor for warehouse and logistics, develops and provides the corresponding warehouse concept for the existing building.
- The concept shows that intralogistics solutions can also be implemented in structurally demanding existing buildings with numerous columns and shafts.

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**ZURICH-MÜLLIGEN, HAMLAR/ Switzerland, Germany.** Grenzebach and Gilgen Logistics join their forces to automate the intralogistics of the Swiss Post and customs in the letter center Zurich-Mülligen. Thanks to the automated guided vehicle system from Grenzebach, the post and customs can now handle small consignments even more efficiently, flexibly and sustainably. The automated guided vehicles (AGV) are used on specifically installed intermediate floors in the listed building of the Swiss Post.

#### Making existing buildings logistically usable

Every year, about 30 million foreign mailings reach their recipients via the Swiss Post. Foreign goods must also be cleared through customs in the special security area of the customs office. German automation specialist Grenzebach supplied the infrastructure to interlink the two separate working areas. Part of the intralogistics solution are automated guided vehicles and the Fleet Manager, which is connected to the Warehouse Management System of the international letter center and controls the travel commands between the spatially separated partners. "No day is like the other with the amount of mail reaching the sorting center every day. A standard logistics system would quickly fall short or be hopelessly overburdened", explains Renzo Pedretti, Head of Letter Center International at Swiss Post.

The Swiss company Gilgen Logistics developed and supplied the overall concept. Incoming mail from the weekends is prepared for optimal further processing. "The logistical restructuring of the intralogistics for the letter center in Zurich-Mülligen was an exciting and challenging task for us. We found a partner in Grenzebach, who is also continuously working on developing the world of intralogistics", says Daniel Gilgen, Head of Systems Business Division and deputy CEO of Gilgen Logistics.

#### Overcoming spatial and logistical challenges

For security reasons, customs must be spatially separated from postal service. Customs employees also work from Monday to Friday; the staff of the Swiss Post is busy around the clock, seven days a week. Daniel Gilgen adds: "In addition, the existing building has numerous columns and shafts which pose an additional challenge which had to overcome." A mezzanine was installed due to the tight

## Press release

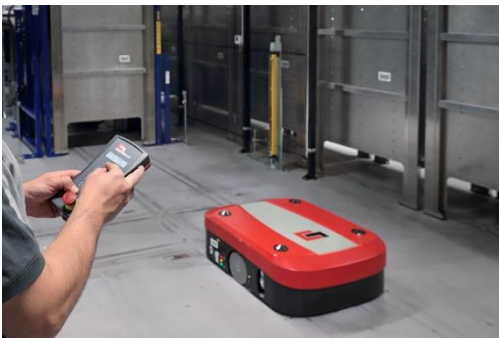
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space available. On top of this, the AGV L600 from Grenzebach transport the pallet boxes to their destinations.

"The solution provided by Gilgen Logistics for the Swiss Post is a great example of a modern utilization concept of existing buildings. Our AGVs are ideal for Brownfield projects of this kind because they can be used even with very restricted room heights. We will continue developing solutions along these lines and thus contribute to the further use of existing buildings in various industries or support the recycling of buildings", says Alexander Gebelein, Key Account Manager 3PL and eCommerce at Grenzebach.

### Further information

Success Story at a glance: [Link](#)



*Grenzebach FTF L600*

*Source: Grenzebach*



*Grenzebach AGVs are ideal for restricted room heights.*

*Source: Grenzebach*

## About intralogistics at Grenzebach

Grenzebach offers Automated Guided Vehicles for the automated transport of parts in production and manufacturing as well as goods-to-person solutions for warehouse logistics. The holistic automation solutions include consulting, hardware, software and service. Grenzebach is a reliable partner who accompanies and advises customers throughout the complete project life cycle and beyond. The aim is to create intralogistics solutions custom-tailored to the users' needs.

## About Grenzebach

Grenzebach develops tailor-made automation solutions for the global glass and building materials industry and intralogistics markets. In addition, the company is constantly tapping into new areas of application, such as different recycling processes, Friction Stir Welding, the automation of Additive Manufacturing, or digital networking. Grenzebach ranks among the global technology leaders in its markets. Production sites in Germany, Romania, the USA and China, as well as worldwide agents, ensure customer support on-site. More than 3,000 plants installed in more than 55 countries stand for quality and reliability for over 60 years and counting. The medium-sized group is owned by the founding family since its foundation, and with an export ratio of more than 90 percent, Grenzebach is one of the global players.

## About Gilgen Logistics

The internationally active Gilgen Logistics is a leading general contractor for overall intralogistics systems. Their core competences include automatic transport and warehouse systems, high bay warehouses, automation, IT solutions, loading systems, special devices and aftersales service. Their broad product and service range provide complete logistics solutions with in-house products to realize overall systems, from simple to complex, for trade, service sector and industry. The Swiss family-owned company with 60 years of tradition employs around 160 employees at their sites in Oberwangen (headquarters, Switzerland), Brislach (Switzerland), Dortmund (Germany) and Stuttgart (Germany). [www.gilgen.com](http://www.gilgen.com)

## About the Swiss Post

The Swiss Post is a conglomerate and active on the communication, logistics, retail finance and passenger transport market. Its services in the communications market include the delivery of letters and newspapers, direct marketing, information solutions and document management. In logistics, it provides parcel, courier and express services in its home market as well as across borders, and also offers customized and comprehensive logistics solutions. In the retail finance market, its subsidiary PostFinance AG provides comprehensive services for payment transactions, savings, investments, and pension and financing solutions and is licensed to operate as a bank since 2013. The PostBus AG subsidiary operates bus routes in regional, local and agglomeration public transport. The post is present in about 25 countries. It employs more than 54,000 people worldwide and recorded sales of over 7 billion Swiss francs in 2020. In 2021, it was awarded "world's best postal service" by the Universal Postal Union for the fifth year in a row. [www.post.ch](http://www.post.ch)

**LinkedIn:**

<https://www.linkedin.com/company/grenzebach-group>

**YouTube:**

<https://www.youtube.com/TheGrenzebachGroup>