**Engelbert Strauss relies on TGW again**

* **Highly automated solution boosts shipping capacity**
* **PickCenter Rovolution order-picking robot heralds new age in picking for workwear specialist Engelbert Strauss**
* **26 autonomous mobile robots (AMRs) play a central role in return handling**
* **The two companies are collaborative, long-time partners**

**(Marchtrenk, November 22, 2021) In the Hessian town of Biebergemünd, TGW is setting up another high-performance hub for Engelbert Strauss, which will be completed by the end of 2024. This is already the second system built for the workwear specialist within three years. The existing system is being replaced by a highly automated end-to-end fulfillment solution, with all renovation work taking place during ongoing operations. This will allow Engelbert Strauss to substantially boost its shipping capacity.**

A family-owned company founded in 1948, Engelbert Strauss is one of the world's leading workwear and utility wear manufacturers. The collections with the highly recognizable red and white logo are designed for professional use and mostly delivered to customers in skilled trades, industry, and service, as well as customers from the B2C segment.

**Collaborative partnership**

Engelbert Strauss and TGW have been warehouse automation partners for years. The CI Factory in the Hessian town of Schlüchtern went live in August 2020. An investment of hundreds of millions of dollars was made in this facility to create the most state-of-the-art omni-channel logistics platform for workwear and work footwear in the world. TGW’s good-to-person order fulfillment system FlashPick® enables a throughput of 50,000 or more orders per day, ensures reliable next-day delivery, and links the various sales channels to each other efficiently.

The new project at the workwear specialist's headquarters in Biebergemünd strengthens the partnership: TGW is replacing the existing system with a high-performance goods-to-person solution by the end of 2024, which will substantially boost the shipping capacity. The CI Factory will continue to serve as the central inventory warehouse for more than 40,000 different articles and is in charge of omni-channel order fulfillment. In the future, it will also serve as the replenishment warehouse for the order picking system in Biebergemünd.

**Trusting in the expertise of TGW**

"Engelbert Strauss relies once again on the competence and experience of TGW as a general contractor and solutions provider for the warehouse automation system," says Johann Steinkellner, CEO Central Europe at TGW. "We could not be more pleased about this expression of Engelbert Strauss' trust in us. It is a wonderful affirmation of our close collaboration, and underscores that we are Engelbert Strauss' partner of choice."

Matthias Fischer, Head of Operational Projects at Engelbert Strauss, explains the vote of confidence, saying, "Why have we placed a second major order with TGW in such a short time? I get asked this question all the time. Because it involves simultaneously modifying the existing system and ensuring that customers continue to be reliably supplied with Strauss products. The planned project is very complex and requires partners who are 100 percent reliable and experienced: partners who are immersed in the Strauss world and its mindset. We have found this partner in TGW. That's why we are confident that the project in Biebergemünd will be just as successful as the one in Schlüchtern."

**Robotic picking workstation “PickCenter Rovolution” heralds new age in picking**

The project in Biebergemünd includes a 17-aisle shuttle warehouse with 25 order picking workstations and the PickCenter Rovolution as a highlight. The intelligent, self-learning, fully automated robotic workstation picks SKUs of different sizes, shapes, and surface qualities with maximum performance. Unexpected events are corrected autonomously and without human intervention, which allows for uninterrupted operation around the clock. Decorated with the "Austrian Robotics Award" and the "German Innovation Award", the robotic picking workstation ushers in a new age of order picking for Engelbert Strauss.

The incoming and outgoing goods areas and downstream special processes are also being redesigned. Energy-efficient KingDrive® conveyors connect the different functional areas with each other.

**AMRs for handling of returned goods**

Another highlight: a fleet of 26 intelligent autonomous mobile robots (AMRs) supplies the returned goods workstations at the fulfillment center with empty totes and totes filled with returned goods—autonomously and without human intervention. At the CI Factory in Schlüchtern, Engelbert Strauss has already spent over a year gaining experience with the autonomous robots as part of a pilot project. Working together, the partners are now tackling the next steps regarding the use of the innovative technology.

[www.tgw-group.com](http://www.tgw-group.com)

**About TGW Logistics Group:**

TGW Logistics Group is a leading systems integrator of automated warehouse solutions. With over 50 years of experience the automation specialist designs, manufactures, implements and maintains end-to-end fulfillment solutions for brands such as Urban Outfitters, the Gap or TVH.

TGW Logistics Group has subsidiaries in the US, Europe and China and employs more than 3,800 people worldwide. In the 2020/21 fiscal year, the foundation-owned company generated a revenue of $952 million US dollars.

**Pictures:**

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