**Shuttle System for TVH in the United States**

* **TGW implemented a highly flexible solution for U.S. spare parts specialists**
* **Enhanced storage capacity and increased throughput**
* **Automation allows for optimum service levels and extended order deadlines**

**In the state of Kansas, USA, TGW has recently completed an automated distribution center for spare parts specialist, TVH Parts Co. A five-aisle shuttle system with 51,000 storage locations combined with highly efficient goods-to-person picking workstations ensures maximum flexibility. Thanks to automation, it was possible to increase throughput while reducing manual workflow. TVH customers can now benefit from better service as well as extended order placement deadlines.**

TVH specializes in the distribution of spare parts for industrial trucks and agricultural vehicles. Its portfolio includes parts for forklifts, working platforms, wheel loaders, excavators, and tractors. Founded in 1969 in Belgium, the company is now active all over the world. In 2016, TVH generated sales of EUR 1.4 billion with a workforce of 5,400 employees.

The company's North American headquarters and logistics hub is located in Olathe, Kansas, where TVH employs over 1,000 people in the Americas. More than 5,500 orders leave the company’s national distribution center every day.

**Increased efficiency thanks to automation**

The five-aisle shuttle system and the ergonomic 1:8 goods-to-person workstations were integrated into the existing building and they seamlessly fit into existing workflows. The solution was designed in close coordination with the system at TVH's headquarters in Belgium, for which TGW was also contracted. As a result, synergies can be optimally utilized, both in plant design as well as for the WCS (Warehouse Control System) interface. The shuttle is ready for future growth and can easily be doubled to ten aisles.

“We decided to invest in a new system due to our fantastic growth in the number of SKUs we have to manage. The main design criteria for us was flexibility. We wanted a solution that can handle the current growth but also our future growth – so we needed it to be modular,” says Rod Strickland, Director of Logistics at TVH.

**Compact floor space, high performance**

“The TGW solution provides a large storage capacity within a small area – yet delivers the high throughput to meet our customer’s demand,” underscores Chad Zollman, CSO at TGW USA. “This solves for two of the largest issues faced in Supply Chain distribution by optimizing both space utilization through shuttle storage density and labour scarcity through elimination of manual workflows.”

**www.tgw-group.com**

**About TGW Logistics Group:**

TGW Logistics Group is a worldwide leading provider of intralogistics solutions. For 50 years, this Austrian specialist has been providing automated systems for international customers – from A as in Adidas to Z as in Zalando. As a systems integrator, TGW provides planning, production, and implementation of complex logistics centers – from mechatronics to robotics and from control systems to software solutions.

With approximately 3,300 employees, TGW Logistics Group has offices in Europe, China, and in the U.S.A. In the 2017/2018 business year, the company achieved a total turnover of € 713 million.

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