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PRESS RELEASE

Innovative, efficient, sustainable:

Geis puts AutoStore small parts warehouse into operation

Forchheim/Nuremberg/Bad Neustadt, 14 March 2024.

Around eight million euros invested in automation project: The Geis Group has put an automated small parts warehouse into operation at its logistics and technology centre in Forchheim. It consists of two AutoStore systems that ensure fast, efficient, and secure order picking – with a comparatively small footprint.

With this innovative warehouse, Geis has reduced order preparation times by up to 70 per cent. This benefits Geis' long-standing customer Siemens Healthineers AG in particular. "Until now, we have been supplying their plant in Erlangen from Forchheim," explains Maximilian Dörr, the Geis division manager responsible for the region. "In future, we will also take over the production supply for the new, state-of-the-art Siemens Healthineers plant in Forchheim and will then also receive more production and KANBAN orders."

Ideal solution for modified requirements

In order to optimally fulfil these changing requirements, Geis put three concepts to the test at an early stage: the classic automated small parts warehouse, the shelving system and the AutoStore automated storage and retrieval system. The latter proved to be the most suitable solution and has been implemented over the past two years in consultation with Siemens Healthineers.



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The new storage system consists of two systems in two warehouse bays. This separation allows Geis to react very flexibly to future developments. In addition, the two systems are connected to each other via gateways through the wall and currently make up a single unit.

Fast and virtually error-free

"This innovative system makes order picking much more efficient," emphasises Marco Weißensel, Managing Director of Geis Industrie-Service GmbH. "For our customer Siemens Healthineers, we can not only shorten order preparation times by up to 70 percent, but also optimise picking quality at the same time, because the potential for errors has been greatly reduced compared to conventional picking methods."

Last but not least, the system also scores highly in terms of sustainability thanks to the use of renewable energy and high energy efficiency. For example, only minimal lighting is required and the robots recuperate energy when braking.

90,000 containers on 2,400 square metres

The first expansion stage, which covers around 600 square metres, has been in operation for exactly one year after a five-month construction and set-up period. It consists of five ports for storage and retrieval as well as eleven robots that move a total of 20,000 containers, so-called bins. The second expansion stage covers an area of around 1,800 square metres and has now been put into operation. It currently has seven ports, 19 robots and 70,000 bins.

"We have enjoyed a very successful partnership with Siemens Healthineers for many years," says Erik Lassen, Chairman of the Management Board of Geis Industrie-Service GmbH. "With the complete restructuring and partial automation, we have now achieved a quantum leap in terms of efficiency and flexible growth. With this innovative and sustainable solution, we can optimally integrate ourselves into the expansion and automation strategy of Siemens Healthineers."



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Image material

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Geis_AutoStore_Roboter.jpg

In the two AutoStore systems at Geis in Forchheim, a total of 30 robots pick up the containers, sort them and bring them to the workstations.

Photo: Geis Group



Geis_AutoStore_Mitarbeiterin.jpg

At a total of 12 work stations, known as ports, Geis employees take care of storage and retrieval as well as order picking.

Photo: Geis Group



Geis_AutoStore_Aussenansicht_mit_Ports.jpg

Geis has invested a total of around eight million euros in the two AutoStore facilities. 90,000 containers are stored there on an area of 2,400 square metres.

Photo: Geis Group



Geis_AutoStore_Grid_von_oben.jpg

The core of the AutoStore systems is the "grid", an aluminium frame that forms a framework for the stacked containers and serves as a track for the robots.

Photo: Geis Group



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Web and social media

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Meta Description

The Geis Group has installed an automated small parts warehouse in Forchheim. The two AutoStore systems provide greater efficiency and sustainability.

Facebook

The Geis Group has put an automated small parts warehouse into operation at its logistics and technology centre in Forchheim. It consists of two AutoStore systems that ensure fast, efficient, and secure order picking – with a comparatively small footprint. Geis has invested around eight million euros in the automation project.

LinkedIn

Eight million euros invested: The @Geis Group has put two @AutoStore systems into operation at its logistics and technology centre in Forchheim. With the automated small parts warehouse, the logistics service provider achieves faster, safer, and more sustainable order picking – with a comparatively small footprint.

Marco Weißensel, Managing Director of Geis Industrie-Service GmbH: "For our customer @Siemens Healthineers, we can not only shorten order provision times by up to 70 percent, but also optimise picking quality because the potential for errors has been greatly reduced compared to conventional picking methods."

About the Geis Group

The Geis Group, headquartered in Bad Neustadt, Franconia, has developed into a global full-service logistics provider since it was founded in 1945. The owner-managed company offers its customers the complete range of logistics services:



Global Logistics

from classic truck transport and global air and sea freight to complex logistics services.

More information: www.geis-group.com

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