

PRESS RELEASE

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NIDEC GUIDEDGEAR: Warehouse automation thrives on reliability

Automation is replacing human labour at more and more points within the industrial value chain. An important part of this is warehouse automation with Automated Guided Vehicles (AGVs). For this purpose, experienced gearbox manufacturer Nidec Graessner provides powerful drive solutions for more performance and energy efficiency.

Warehouse workers have become rare in the industrial context. They are being replaced by powerful AGVs that do the monotonous, arduous and injury-prone warehouse work faster and more precisely – and that 24 hours a day, seven days a week. The goal is high speed in the flow of goods with optimum availability of the required materials. This ensures a smooth running of the flow of goods, increases quality and thus secures long-term competitive advantages.

The performance of an AGV depends to a decisive degree on its drive system. The more precisely it works and the more robust it is, the more trouble-free the processes in the warehouse and all the process steps that build on them. As a global player in gearbox manufacturing, Nidec Graessner supplies highly functional and reliable drive solutions that can be individually adapted to your AGV. The company based in Dettenhausen has 130 employees and is part of the Japanese Nidec Group and therefore also offers integrated automation solutions in top quality from a single source.

Your benefits

- Tailored to your needs: standardised coaxial or angular solution or individual configuration fully adapted to your specific requirements
- From a single source: including motor and controller on request
- High quality: high precision and smooth running with compact design
- Great flexibility: 4 available wheel sizes, numerous motor connections possible
- Load capacity: higher load possible with same size
- Helical planetary gears offering the best possible efficiency
- High radial loads
- Smaller design: angular design (EVO series)
- 7 standard series (including angular design)
- Worldwide service

