

Cooperation on driverless transport systems for automated material flow

DMG MORI and Jungheinrich agree on cooperation

Bielefeld // Highlight at EMO Hanover: DMG MORI and Jungheinrich present their development partnership for driverless transport systems at the world's largest trade fair for machine tools – and already a first product. The DMG MORI PH-AGV 50 heralds a new era of flexible automation solutions in intralogistics. The driverless transport system enables fully automated loading and unloading of workpiece pallets on machine tools.

“The “Automated Guided Vehicles” – AGVs for short – are another important innovation element for the “Digital Factory” of the future. With automated transport systems we offer our customers a further product for automation and digitization,” says Christian Thönes, Chairman of the Executive Board of DMG MORI AKTIENGESELLSCHAFT.

“Two innovation leaders speed up the digital transformation: together we unite Jungheinrich’s expertise in the field of automated guided vehicles with DMG MORI’s integrated technology and automation solutions, thus creating significant added value for our customers,” says Dr. Lars Brzoska, Chairman of the Executive Board of Jungheinrich AG.

Automated transport systems can be used in an area-efficient manner and thus sustainably reduce transport times as well as assembly and logistics costs. The flexible automation solution DMG MORI PH-AGV accelerates the material flow and thus ensures more flexible and productive processes in production. With the DMG MORI Cell Controller LPS, all processes in the production and administration of pallets can be further optimized.

The jointly developed, autonomous pallet handling system can be ordered from EMO on. The PH-AGV 50 is modularly expandable, moves freely in the production halls with precise laser navigation technology and automatically aligns itself optimally to the machines. Free access and safety for the user are guaranteed at all times. DMG MORI is presenting this innovation for the first time at EMO Hanover from 16th to 21st September 2019.

DMG MORI AKTIENGESELLSCHAFT
The Executive Board

Company Profile // DMG MORI

DMG MORI AKTIENGESELLSCHAFT is a worldwide leading manufacturer of machine tools with sales revenues of more than € 2.6 billion and around 7,500 employees. As "Global One Company" – together with DMG MORI COMPANY LIMITED – we reach sales revenues of more than € 3.8 billion.

Our integrated technology and automation solutions cover turning and milling machines, as well as Advanced Technologies, ULTRASONIC, LASERTEC and ADDITIVE MANUFACTURING. With our CELOS apps, exclusive Technology Cycles and Powertools, we offer an easy, fast and scalable entry into digital production. The modular ISTOS and WERKBLiQ products further facilitate consistent digitization of the entire process chain: from the planning and preparatory work to production and monitoring to service. The open, manufacturer-independent ADAMOS IoT platform rounds off the product range for a digital factory.

Our technology excellence is bundled within the main sectors of "Aerospace", "Automotive", "Die & Mold", and "Medical". Our partner program "DMG MORI Qualified Products" (DMQP) allows us to offer perfectly matched peripheral products from a single source. Our customer-focused services covering the entire life cycle of a machine tool include training, repair, maintenance and spare parts service.

More than 12,000 employees work for the "Global One Company". With 157 sales and service locations – thereof 14 production plants – we are present worldwide and deliver to more than 100,000 customers from 42 industries in 79 countries.

Company Profile // Jungheinrich

Jungheinrich, founded in 1953, is one of the world's leading suppliers of intralogistics solutions. With a comprehensive portfolio of material handling equipment, logistics systems and services, Jungheinrich offers its customers tailor-made solutions for the challenges of Industry 4.0. The Group, headquartered in Hamburg, Germany, is present worldwide with own direct sales companies in 40 countries and by partner companies in some 80 other countries. Jungheinrich employs 18,000 people worldwide and recorded sales revenues of € 3.8 billion in 2018.