

Dynamics meets compact drives Drive solutions for intralogistics

In-person trade fairs are back. LogiMAT, the international trade fair for intralogistics solutions and process management, will take place in Stuttgart from May 31 to June 2, 2022. ebm-papst will be presenting its drive solutions for conveyor and warehouse technology at stand B77 in hall 7.

Intralogistics is a rapidly growing market and is full of new developments. Continuous change and technological development are essential for the logistics sector. In intralogistics, the wide range of requirements from various sectors calls for innovative solutions.

More mobility with a new drive solution

Automated guided vehicles (AGVs) are driverless transport vehicles that have become indispensable in many warehouses, distribution centers and production facilities. With the ArgoDrive, ebm-papst offers AGV manufacturers a new drive solution for omnidirectional mobility. Compared to existing solutions for highly maneuverable vehicles, the ArgoDrive does not compromise compactness. Our ArgoDrive drive and steering system combines driving, braking and steering functions in one module.

The drive system consists of motors, special transmissions, omnidirectional steering, sensors and robust, industrial-grade plugs. Thanks to a superposition gear, its two integrated motors can be used to steer, accelerate, drive and brake as required. The infinite steering angle allows the vehicle to maneuver in compact spaces. It can even be used for heavy loads and inclines. With four ArgoDrive drive and steering systems, it is possible to move vehicles with a total weight of up to two tons.

Modular system enables custom drive systems

Previously, long waiting times for the perfect drive system were not unusual, as this often involved having to develop customized solutions first. The modular drive system from ebm-papst now allows the quick creation of custom drives. The individual drive modules can be combined through standardized interfaces. Just like building blocks, customers can combine the motor online with the appropriate power, gearboxes (planetary, spur gear or angular), brakes, encoders and electronics in no time at all.

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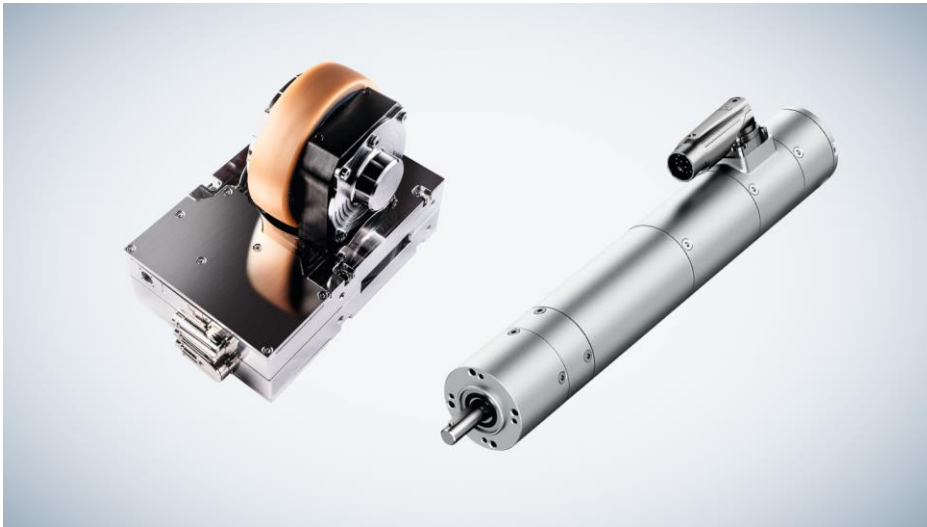


Photo: ebm-papst will present the innovative ArgoDrive drive and steering system and its modular drive system at LogiMAT 2022.

Photo 1 ebm-papst
Characters approx. 2,200, including headings and sub-headings
Tags ArgoDrive, drive and steering system, FLS, AGV, intralogistics, drive systems, modular system
Link <https://www.ebmpapst.com/logimat>

About ebm-papst

The ebm-papst Group, a family-run company headquartered in Mulfingen/Germany, is the world's leading manufacturer of fans and drives. Since the technology company was founded in 1963, it has continuously set the global industry standard with its core competences in motor technology, electronics, digitization and aerodynamics. With over 20,000 products in its portfolio, ebm-papst provides the best energy-efficient, intelligent solution for virtually every ventilation or drive-engineering task.

In fiscal year 2020/21, the "hidden champion" generated revenues of € 2.129 billion. The group employs roughly 15,000 people at 29 production sites (in Germany, China and the USA, to name but a few) and in 51 sales offices worldwide. ebm-papst sets the benchmark with their fan and drive solutions which are used in almost all industries, such as ventilation, air conditioning and refrigeration, heating, automotive, information technology, mechanical engineering, household appliances, intralogistics and medical engineering.

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