

ebm-papst at LogiMAT 2024

Compact drive solutions for intralogistic

The intralogistics industry is once again meeting at the LogiMAT trade show in Stuttgart in March. New technologies, products, systems, and solutions intended for rationalizing, optimizing, and reducing the costs of internal logistics processes will be presented from the March 19 – 21, 2024. ebm-papst will be showcasing tried-and-tested new drive solutions at Booth 6F31 in Hall 6.

Another highlight at this year's trade show booth in Stuttgart is the ArgoDrive. This compact driving/steering system from ebm-papst was officially launched in 2021 and is currently the benchmark when it comes to drives for free-range vehicles. Manufacturers of automated guided vehicles (AGV) and autonomous mobile robots (AMR) can therefore rely on a safe, tested, and adapted drive unit for use in their vehicles. In combination with drive controllers from various manufacturers, the ArgoDrive driving/steering system forms a functioning drive system that enables free-range mobility for driverless transport vehicles. The effort required for implementation is reduced to a minimum, meaning that it can be put into practice quickly in the field. The trade show booth will show examples of how the ArgoDrive can work with vehicle and safety control systems from different manufacturers.

Shuttle applications that pose high requirements of drives

In addition to the ArgoDrive, ebm-papst will also be showcasing its constantly growing modular drive system. Alongside the established ECI 42 and ECI 63 sizes with various integrated electronics and interfaces, the ECI 80 size is now also available. BLDC drives with safety extra-low voltage have a rated output of up to 750 watts. These powerful yet compact drives impress with a robust aluminum housing and satisfy the requirements for the IP54 degree of protection as standard. The modular drive system includes various planetary gears with different reduction ratios as well as encoder and brake modules. In intralogistics, ECI 80 size ECI drives are used in combination with robust Optimax planetary gears, primarily in shuttle applications, but also in conveyor, storage, and sorting systems.

You can register for a free trade show ticket for LogiMAT at www.ebmpapst.com/registration.

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Fig. 1: The ArgoDrive is the driving/steering system for free-range vehicles from ebm-papst – it has proven itself and works with vehicle and safety control systems from different manufacturers.



Fig. 2: ECI 80 size ECI drives with Optimax planetary gears from the ebm-papst modular drive system are perfect for use as shuttle traction drives.

Figures	ebm-papst
Characters	approx. 2,200, including headings and sub-headings
Tags	LogiMAT, intralogistics, drive technology, drives, ArgoDrive, Optimax, ECI, AGV, AMR
Link	www.ebmpapst.com/registration

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About ebm-papst

The ebm-papst Group, a family-run company headquartered in Mulfingen, Germany, is the world's leading manufacturer of fans and motors. Since it was founded in 1963, the technological leader has set international industry standards with its core competencies in motor technology, electronics, digitalization, and aerodynamics. ebm-papst offers sustainable, intelligent, and tailor-made solutions for virtually every requirement in ventilation and heating technology.

In the 2022/23 financial year, the Group generated turnover of EUR 2.540 billion. It employs just under 15,000 people at 30 production sites (including in Germany, China, and the U.S.) and in 50 sales offices worldwide. ebm-papst sets the benchmark in almost all sectors, such as ventilation, air conditioning and refrigeration technology, heating technology, information technology, mechanical engineering, intralogistics, and medical technology.

In St. Georgen, ebm-papst develops intelligent solutions for sectors such as intralogistics, electronics, and medical technology. ebm-papst St. Georgen includes the Herbolzheim plant, the site in Lauf in Franconia and a production site in Oradea, Romania.

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