



Interroll's MSC 50 magnetic speed controller easily handles gravity

Interroll presents the world's first speed controller with integrated eddy current brake, to optimize gravity roller conveyor operation.

Sant'Antonino, Switzerland, March 8, 2016 - Interroll will unveil its new magnetic speed controller, the MSC 50, at LogiMAT 2016 in Stuttgart, Germany. The first of its kind in the industry, the MSC 50 is a patented, technically and economically superior solution, offered by Interroll in response to demand for more efficient and cost-effective material handling systems. The MSC 50 is easy-to-install, maintenance-free, and boasts a host of useful features that, together, deliver process reliability and attractive ROI.

The MSC 50 is the most cost-effective solution currently on the market for controlling the speed of boxes and plastic trays traveling on gravity roller conveyors and spirals or the end sections of sorters. Suitable for handling goods weighing between 0.5 kg and 35 kg (1lb-77lbs), the innovative system ensures lightweight packages move smoothly, while limiting the speed of heavy goods traveling along the conveyor. These features make MSC 50 the perfect choice for warehousing, e-commerce, postal service, food and pharmaceutical operations, as well as for customers that use flow racks for heavy containers.

Gravity roller conveyors are widely used and are often installed to handle the final stage of goods moving through sorting systems. To eliminate extra costs resulting from, for example, goods damaged because they are moving too quickly on those gravity conveyors, or extra travel time to pick up stuck goods, these end sections must work perfectly.

However, most of today's gravity conveyors have limited functionality. They are sold without components to control conveyor speed, mainly to minimize costs. Because of an increasing diversity in the size and weight of goods running on gravity conveyors, Interroll saw a need to develop a speed controller. "Our MSC 50 is a solution with an optimum

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price-to-performance ratio," says Ralf Garlichs, Executive Vice President Products & Technology at Interroll. The MSC 50 is the only one of its kind on the market today. It features an eddy current brake, which makes it maintenance-free. Double shielding completely prevents magnetic emissions. Because of its bidirectional braking function, it cannot be mounted incorrectly. In addition, the MSC 50 speed controller is easy to install and is a perfect fit for retrofitting existing gravity conveyor installations. Different MSC 50 lengths and quantities can be used to scale the design and provide the ideal solution for your application. All of these features offer users the peace of mind that only a solid investment brings.

The MSC 50 is designed for a maximum load of 500 N and a maximum infeed speed of 2.5 m/sec. Maximum input is up to 3,000 units per hour. It has a specified ambient temperature range of 5 to 40 degrees Celsius and is available in roller lengths of 210 to 1400 mm.

Interroll Profile

The Interroll Group is a worldwide leading producer of high-quality key products and services for internal logistics. The company offers a broad product range in the four product groups "rollers", "drives", "conveyors & sorters" and "pallet & carton flow" to around 23,000 customers (system integrators and OEMs) around the world. Core industries are courier, parcel and postal services, airports, food processing industry as well as distribution centers and other industries. Interroll products are in daily use at amongst others well-known global brands such as Amazon, Bosch, Coca-Cola, Coop, DHL, FedEx, Peugeot, PepsiCo, Procter & Gamble, Siemens, Walmart and Yamaha. Interroll is engaged in global research projects for logistics efficiency and actively supports industry associations in developing standards. Headquartered in Sant'Antonino, Switzerland, Interroll operates a worldwide network of 31 companies with around 2,000 employees. The company was founded in 1959. The Interroll Group has been listed on the SIX Swiss Exchange and included in the SPI index since 1997.

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