

Website News

LOXrail trade fair news: Flexibility all around

Intra-logistics specialist LOSYCO will present recent enhancements and additions to its LOXrail system for heavy-duty transport in machine and plant engineering at the LogiMAT trade fair in Stuttgart, Germany (Hall 7, Stand B09). The focus will be on two new features for the AllRounder steering platform: easy operation by buttons and an innovative automatic braking system for manually pushed trolleys. In addition, the LOSYCO team will introduce a new telescopic arm for flexible media supply in assembly lines.

The economic LOXrail intra-logistics system helps machine and plant manufacturers streamline their production logistics. The floor-level steel or stainless-steel rails with a 25 mm or 40 mm diameter are no obstacle for employees or transport trolleys. The smooth round rail profile and wheels with a special polished tread allow loads of several tons to be manually pushed and precisely positioned in assembly lines. This ensures reduced costs, faster turnaround, increased throughput, and improved process and material planning. LOSYCO optionally offers its LOXrail trolleys with various auxiliary drives or inductive drive technology.

Versatile all around

LOS YCO is the only manufacturer of rail-bound intra-logistics systems to offer a steering platform that can be rotated on the rails while fully loaded. The AllRounder steering platform accommodates workpieces and assemblies weighing up to 15 tons. This innovative solution won the 2019 "handling award". It saves time-consuming extra work for the installation of switches or turntables in the hall floor. Even with branching lines, it now suffices to lay LOXrail tracks and simple crossing elements in the floor. Thus, the entire intra-logistics rail system can be flexibly planned and efficiently implemented, even with complex track layouts, while the elimination of moving components makes it a particularly low-wear and low-maintenance solution. The second generation AllRounder platform to be presented at the 2020 LogiMAT is equipped with a semi-automatic steering system for motorized direction change. A battery-powered actuator conveniently and precisely aligns the platform's wheelsets as required at the touch of a button. For this purpose, the platforms feature three buttons for lengthwise and sidewise travel and for rotation by 180°.

Safe all around

LOS YCO will celebrate another trade fair premiere, presenting an automatic braking module for safe stopping of platform and load in applications where the platforms are pushed by hand. Motion sensors installed at the rear of the platforms detect the step pattern and activate the brake as soon as the handler stops pushing. Upon restarting, the brake is automatically released. Sensory obstacle detection at the front of the trolley ensures automatic stopping of the platform to prevent collisions. Both methods for detection and braking also work if the load protrudes beyond the edge of the platform. They automatically switch functions when the direction of travel changes.

Access all around

LogiMAT visitors are also invited to learn about a novel supply solution: various media required in the production process, such as power, compressed air, or cooling water, are made available to the work stations via a telescopic arm. The supply lines do not even have to be disconnected when the work platform is pushed forward to the next station. Flexibly accessible media supply furthermore enables intermediary testing of machines and systems directly at the assembly station. The telescopic arm for installation above the production line can be electrically controlled and has a radius of 11.5 m. As an added bonus, routing cables and hoses via this telescopic arm increases safety since the supply lines pose no tripping hazard and are better protected from being damaged.

About Losyco

Based in Bielefeld, Germany, Losyco designs, manufactures, and deploys intra-logistics systems for industrial customers. Founded by experienced engineers in 2016, the company's first core product is LOXrail®: with this novel round bar rail system, loads weighing several tons can be easily moved around, precisely to the desired spot. It can be operated manually or with auxiliary drives. Losyco also supplies conveying and handling equipment such as chain and roller conveyors, material management and storage systems, sound-proof cabins, and machine covers. In addition, Losyco offers support and guidance for customers wishing to transform their production processes to implement lean manufacturing and continuous flow production. Losyco is a member of the DRECKSHAGE Family.

Contact:

LOSYCO GmbH

Member of the DRECKSHAGE Family

Manuel Granz

Walter-Werning-Str. 7
33699 Bielefeld
Germany

Tel.: +49 . 521 . 945 643-0
Fax: +49 . 521 . 945 643-399
Email: info@losyco.com
Internet: www.losyco.com

gii die Presse-Agentur GmbH
Immanuelkirchstr. 12
10405 Berlin
Germany
Tel.: +49 . 30 . 538 965-0
Fax: +49 . 30 . 538 965-29
Email: info@gii.de
Internet: www.gii.de