

SKID CONVEYOR SYSTEM LIGHTWEIGHT AND RELIABLE

STURDY AND HIGHLY FLEXIBLE MATERIAL FLOW SYSTEM TO CONNECT PAINT SHOP, PRODUCTION, ASSEMBLY, ORDER PICKING AND DISPATCH.

Variable transport system

The skid system has a modular structure and offers optimum surface utilization with longitudinal and transverse motion. Different levels are bridged with lifting and lowering stations. Eccentric lifting tables, rotating and pivoting devices as well as automatic centering devices for pinpoint handovers complete the system.

The Eisenmann skid conveyor system is an ideal system that meets the cleanliness requirements of modern plastic paint shops. Various system areas can be navigated without any problems at various speeds. Buffer functions, stop-and-go (cycle operation), continuous operation as well as interlinking and handover to other conveyor systems can be executed without any problems.

Low-maintenance conveyor concept – also in the temperature area

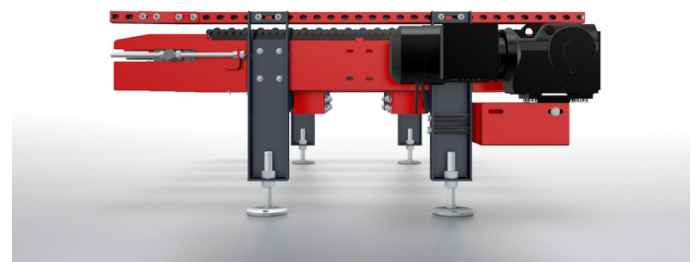
The components of the system that are most stressed – the chains – are designed with special bushes, deflection bearings with sealing washers and high-temperature grease so that they are low maintenance. The drive elements outside the temperature area are arranged in a way that makes maintenance easy, thus ensuring simple maintenance.

High process reliability and minimized maintenance required

Tried-and-tested standard components are used in skid conveyor systems. At the same time, many identical components are used. This ensures high process reliability as well as minimized efforts in maintenance and repair.

Installation and control concept

As with other Eisenmann conveyor systems, the familiar ESM (Energy Saver Modul) field bus control is also used for the skid conveyor. Power distribution and the control unit are located together in a single housing. Tried-and-tested and pioneering coding systems as well as production control by E-MES or SAP systems can be integrated with.



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Advantages at a glance

- Compact and energy-saving design with A locks: lifting technology and conveyor system elements are only in the oven, clear separation of warm and cold areas
- Variable cycle times possible due to flexible spacing in the paint booths
- Compensation for different color change times due to installation of buffers
- Simple cleaning and maintenance of components by clearing of treatment areas in corresponding buffers
- High process reliability and low maintenance required due to standardized components adapted to the requirements

Technical data

Load capacity	Max. 300 kg
Speed	Approx. 0.5 - 24 m/min.
Dimensions	Variable



Skid conveyor with space-saving lateral travel for changing direction.

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www.eisenmann.com

Eisenmann GmbH, Tübinger Str. 81, 71032 Böblingen, Germany, Phone: +49 7031 78-0, Fax: +49 7031 78-1000

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