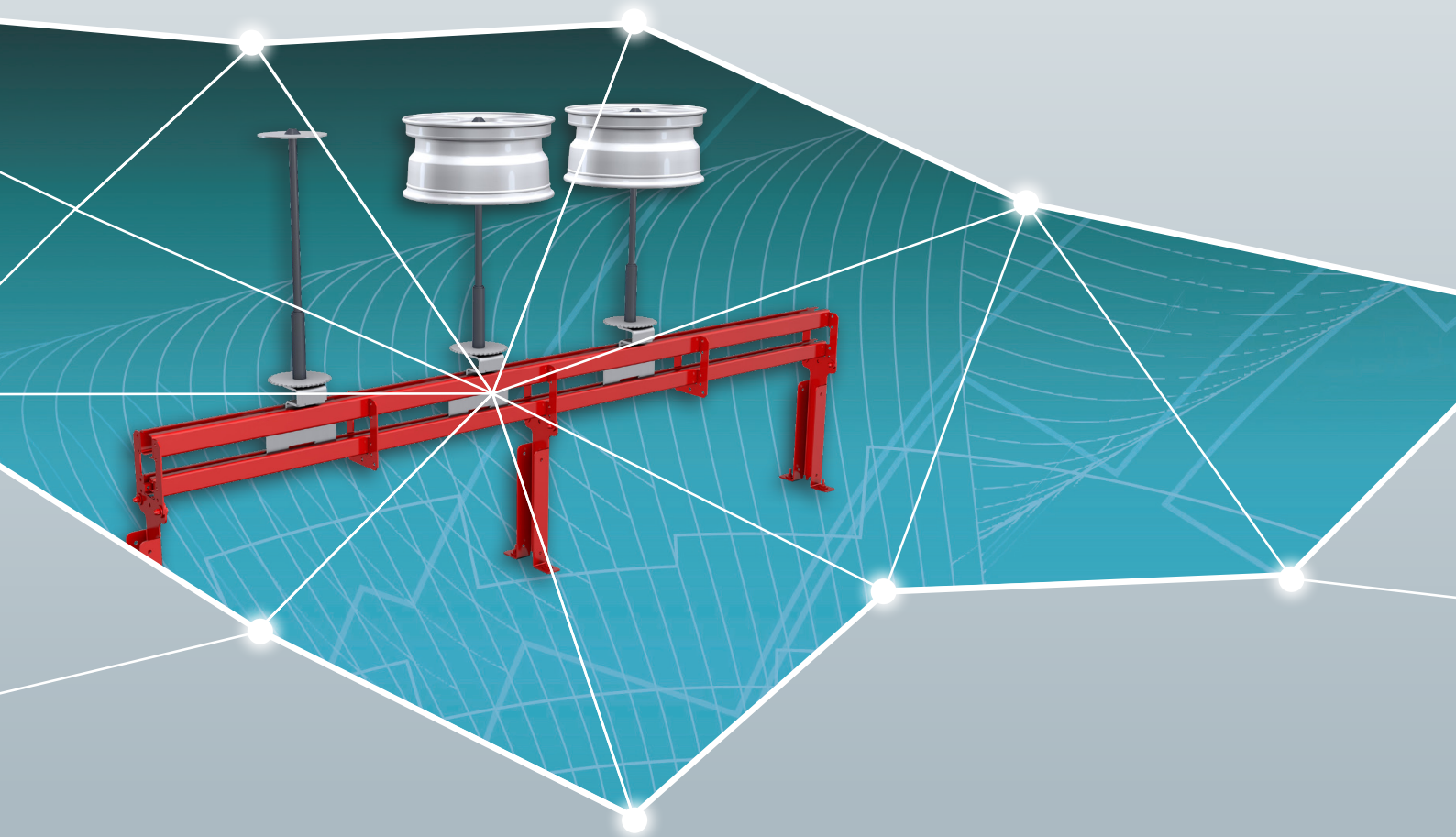


Spindle Conveyor

The "inverted" circular conveyor as a variable solution
for different painting lines



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Variable spindle conveyor system

The Eisenmann spindle conveyor system has versatile uses. The structure with a special lug with guide rollers and a system spindle head enables the use of various spindle holders: short spindles for oven areas, longer turning spindles with rotary hangers in the painting area.



However, the system is extremely resistant due, among other things, to its rigid link chain to dirt, moisture and temperatures of up to 250° C. The Eisenmann spindle conveyor is mainly used in plastic paint shops and for painting wheels. In extensive, complex (wheel) paint shops, the various conveyor circles are linked using transmission robots. The varying demands of the painting and drying cycle are thus met in full.

Versions with ascending and descending slopes are possible – for example for energy-saving paint ovens with A lock. These are fitted with several drives when there is correspondingly high pressure on the chain. Automatic lubricating devices are available to reduce the chain tension. Automatic tensioning stations, loaded with springs or weights, ensure an exact pretensioning of the conveyor chain.

High process reliability and minimized maintenance work

Tried-and-tested standard components are used for the spindle conveyor system. At the same time, many identical components are used. This ensures high process reliability as well as minimized efforts in maintenance and spare parts stock.



Installation and control concept

Thanks to the mechanically simple structure, the control technology can be made simple: multiple drives are synchronized using modern frequency converter technology, the speed can be continuously adjusted.

Electronic systems, such as bar codes or transponders, are available for the spindles to identify the work-piece carriers.

More information about Spindle Conveyor?

Contact:



Produktmanager

Klaus Breuning

Phone: +49 7031 78-2673

Mail: klaus.breuning@eisenmann.com

EISENMANN

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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