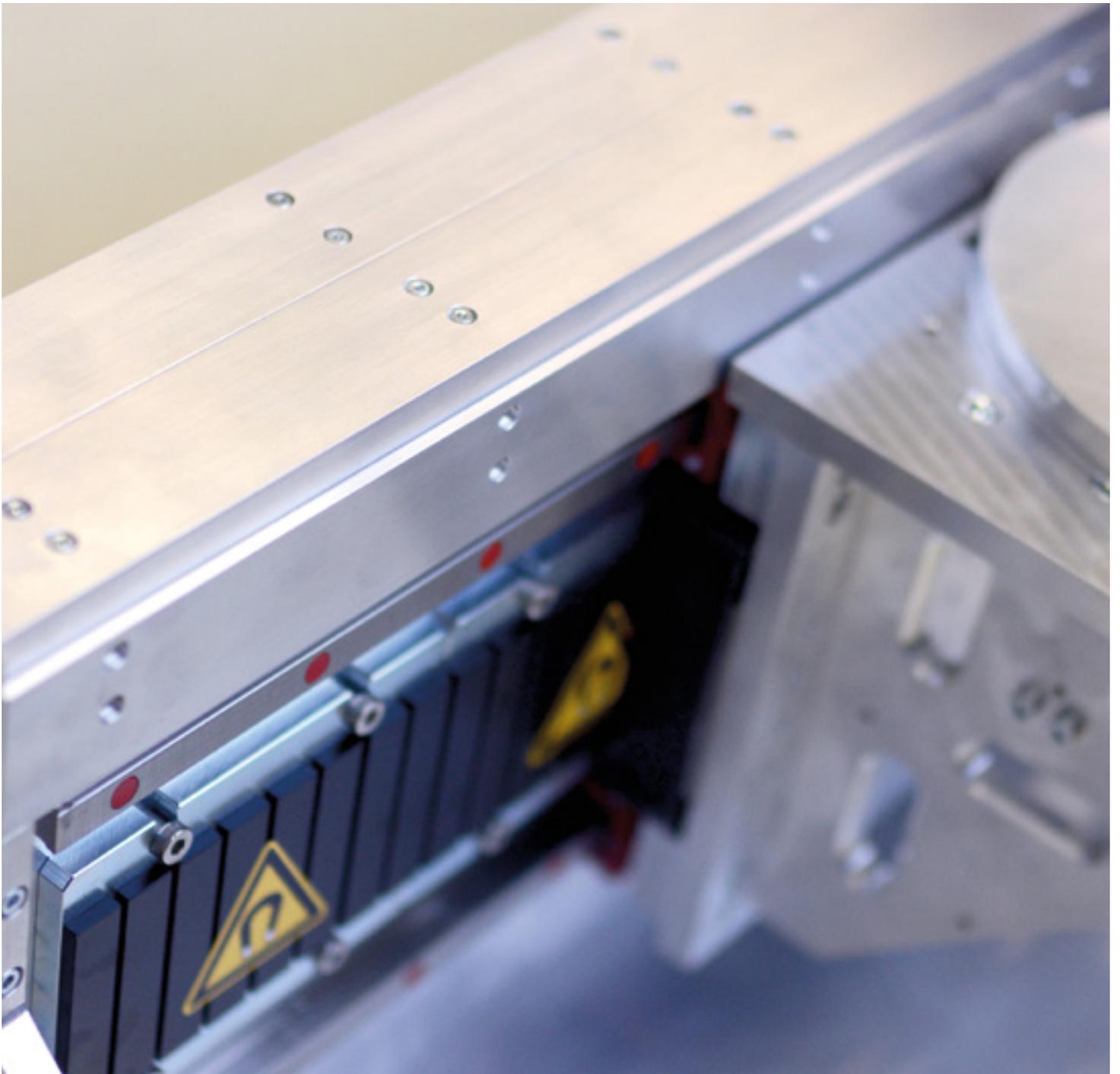


LINEAR TRANSMISSION SYSTEM
PRECISE. SPACE-SAVING. PRODUCTIVE.



LINEAR TRANSMISSION SYSTEM

Space-saving, low-wear and instantaneous: the evolution of supply concepts for linear axis systems with the Linear Transmission System

Time for an alternative: despite the obvious drawbacks, linear axis systems have always had to be supplied via energy chains in the past. The Linear Transmission System (LTS) from LTN now opens up totally new options for efficient and space-saving system design:

More room for productivity: The intelligent integration of the LTS means that more compact axis systems can be designed and the space previously reserved for the energy chain is freed up – so that the system as a whole is more economical.

Straight to the point: Whereas energy chain systems traditionally need transient recovery time on account of their design, significantly shorter positioning times are now possible with the LTS – an investment that pays!

Cogging torque is history: LTS based axis systems operate almost vibration-free – and put an end to jerkiness in the system caused by cogging torque.



Smaller is lighter is better: The elimination of energy chains saves not only considerable space but also mass. And less mass means smaller motors, less energy and hence more economy.

Easier on materials – and nerves: If cables are no longer moved dynamically, those cables can no longer break. The risk of a complete system failing due to a broken wire is reduced to a minimum.

THE ALTERNATIVE TO ENERGY CHAINS AT A GLANCE

The LTS is capable of transmitting power (e.g. 400 V/30 A), signals (e.g. 250 V/5 A) and data (e.g. 100 MB BaseT, e.g. for EtherCAT® or similar data bus systems) to linear lifting movements of up to 3000 mm.

Every conceivable combination of linear and rotary movements can be realised in this way in conjunction with LTN's proven slip rings - in your system too.

Cast off your chains – and discover what we can do for you.

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