



LAT Flex

Light.Agile.Transmitting.Flexible



ALTRATEC

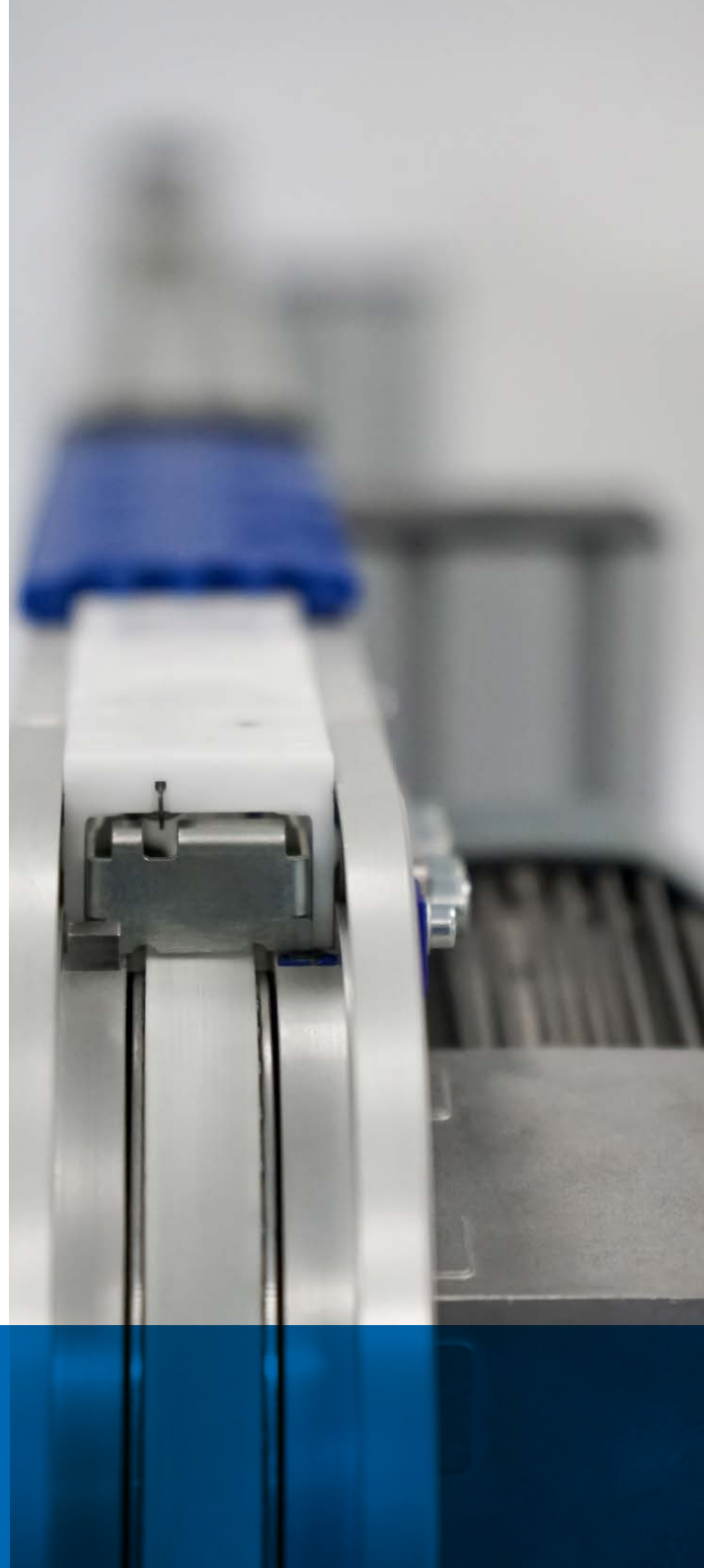
BACHTEL GROUP

ALTRATEC LAT Flex

Light.Agile.Transmitting.Flexible

Our ALTRATEC LAT Flex conveyor is a patented, revolutionary solution in conveyor technology. Compared to conventional recirculating conveyors, our LAT Flex system convinces with a significantly simpler design.

With a system length of up to 25 meters, it fits perfectly into your production line and offers maximum efficiency and flexible application options.



APPLICATION

Variation of orientation



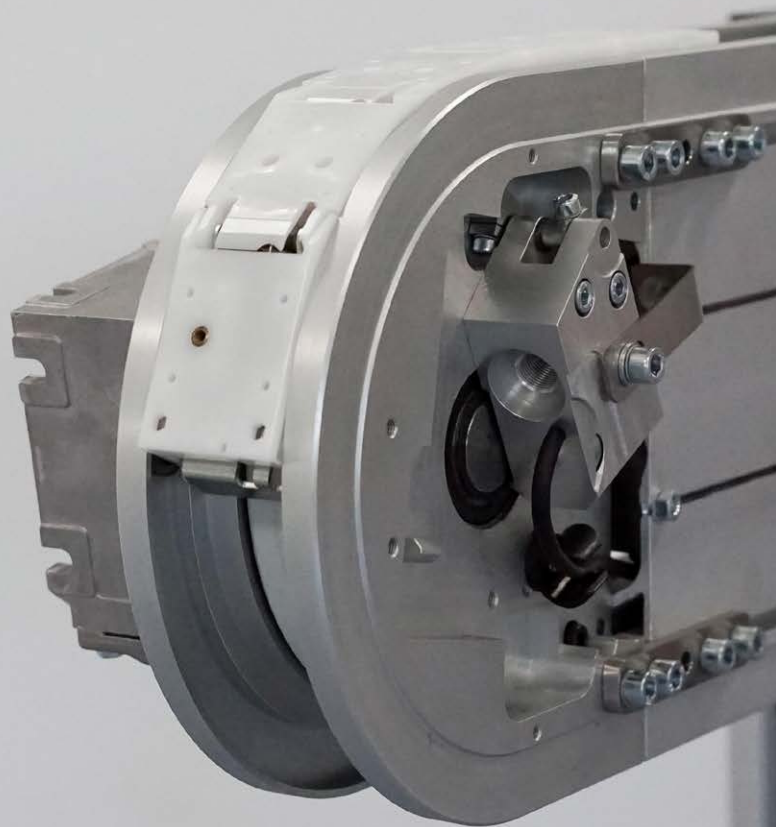
standard alignment
transport at the top,
return at the bottom

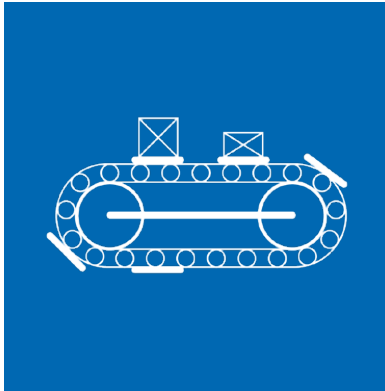


overhead conveyor
transport at the bottom,
return at the top



rotated System
supply / return horizontal





LOAD CAPACITY AND TRANSPORT

Each workpiece carrier element has a length of 50 mm. By linking these individual elements together, a workpiece carrier train up to 2 meters long can be achieved.

With a load capacity of up to 5 kg per workpiece carrier element, the LAT Flex is the ideal solution for flexible and reliable transport of a wide variety of components.

Thanks to optional soft support elements, the LAT Flex also enables the transport of large parts, such as bumpers and instrument panels, in multi-lane operation.

COMPACT AND SAFETY

Thanks to the optimized design, a separate protective enclosure is no longer necessary. The system is designed to be safe from the ground up and thus ensures maximum personal protection without additional effort.

EFFICIENCY WITHOUT BACK PRESSURE

The workpiece carriers can accumulate in the deflection area, which saves stoppers and thereby reduces mechanical and control effort. Decoupling from the transport medium prevents the buildup of back pressure.



INNOVATIVE TECHNOLOGY

Due to the low forces required in the system, operation at extra-low voltage, 230V or 400V is possible. The use of electric stoppers eliminates the need for compressed air, which not only saves costs but also significantly reduces maintenance.

In addition, the workpiece carriers can be easily removed or inserted via a maintenance opening without opening the traction device.

DRIVE

Powered by a 90 watt motor inserted into the profile, the LAT Flex ensures high energy efficiency with a small footprint.

LOW WEAR AND TEAR

The load rollers with ball bearings offer low running resistance. The transport medium is separated from the running section of the load rollers.



5 Kg load per
carrier element



System length
up to 25 m



Only 230V
connection required



Protective enclosure
not necessary



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