

Discharge with variable speed

Smart, efficient and space-saving

The challenge

To optimize functionality by integrating individual processing stations and material engineering paths into a limited production and processing area with greater flexibility. This required ensuring that there would be 2 machining processes with different requirements for conveyor speeds, as well as manual workstations with precise and reliable indexing devices.

The solution

A square-shaped, single-belt conveyor system supported on a stable aluminum framing system substructure ensures continuous, safe buffering and testing of the goods conveyed on the workpiece carriers. In the square-shaped circulation path of the conveyor system, indexing stations for fully automated component testing are installed, as well as discharge using the independent conveyor with 4 individually controlled belt paths. This application-oriented, space-saving solution is able to buffer, test and classify the goods conveyed efficiently and safely, and then prepares them for the next work process.

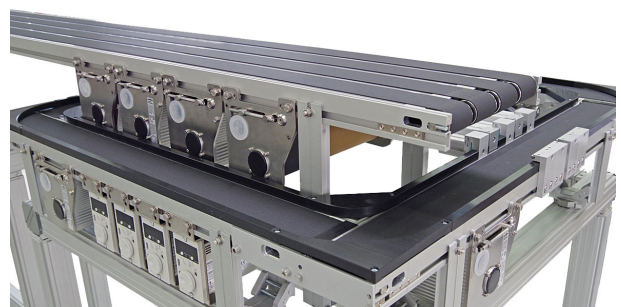
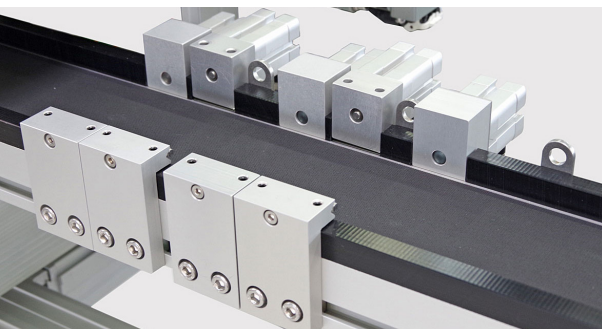
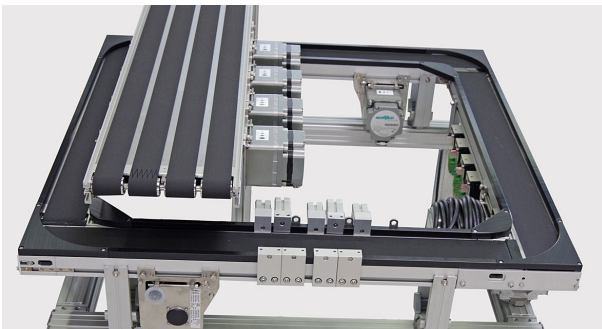
Benefits for the customer

- Efficient, autonomous continuous processing
- Easy, direct access to production cells
- Very flexible and adaptable
- Independent process expansion
- Optimal use of production area
- Attractive and functional design

Technical specifications

Conveyor type	Transfer System LTE-105	LTE-250 (4 belt paths)
Drive	Brushless DC motor	
Conveyor belt width	105 mm	250 mm
Workpiece carrier/working width	80 x 80 mm	4 belts, each 46 mm
Transport length	4 x 855 mm	3000 mm
Maximum transport weight	2.3 kg per workpiece carrier	25 kg
Speed	0.5- 19.1 m/min	0.5 – 25.5 m/min
Working height	989 mm (± 20 mm)	
Belt type	ENI-5EE	
Substructure	Quick-Set framing system	

More impressions



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