

## Adjustable Speed Conveyor System - Efficient and Versatile Solutions

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.

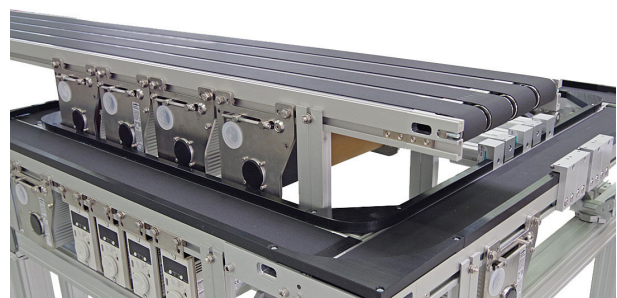
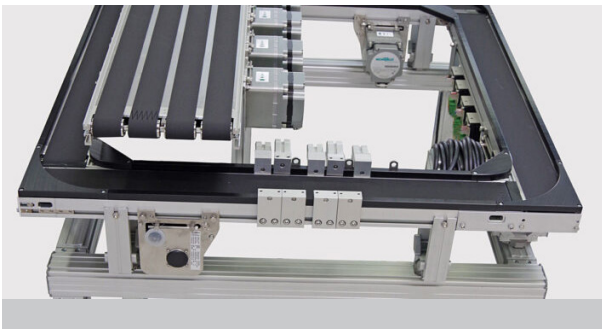
### Benefits for the customer

- 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	4.13"	9.84"
Workpiece carrier/working width	3.14" x 3.14"	4 belts, each 1.81"
Transport length	0.15 x 33.66"	118.11"
Maximum transport weight	5.07 lb per workpiece carrier	55.11 lb
Speed	1.64- 62.66 ft/min	1.64 – 83.66 ft/min
Working height	38.93" ( $\pm$ 0.78")	
Belt type	ENI-5EE	
Substructure	Quick-Set framing system	

## More impressions



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