

Double belt transfer system with flat belt Conveyor System

The challenge

For its production, a customer from the electronics industry needed new test stations that check the workpiece carrier from below. The customer wanted a double belt for this. The problem is: With a double belt, the workpiece carrier tilts between the two belts, gets stuck, and cannot be transported around the curve to the next belt conveyor.

The solution

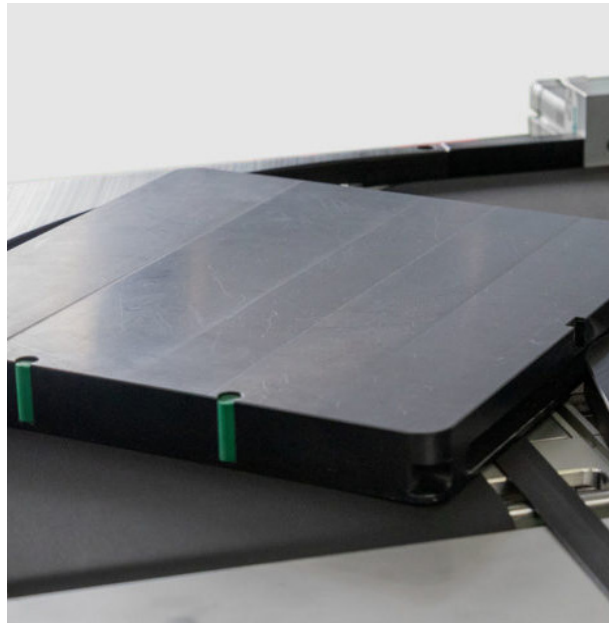
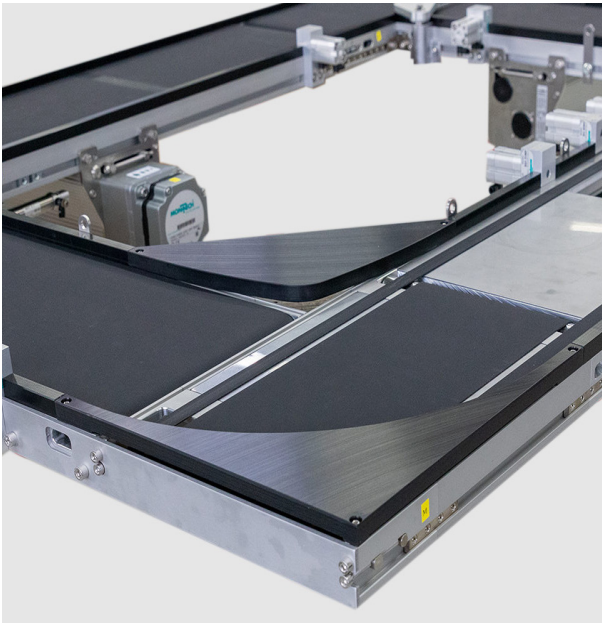
By equipping the curve area with an additional flat belt, we were able to close up the free space between the narrow belts of the belt conveyor. As a result, the workpiece carrier is conveyed across the entire surface of the curve. Because we have integrated the broad flat belt into the belt conveyor, it is driven by the belt conveyor's motor. No additional drive is necessary. This solution is comparable to the standard transfer unit of theLT40 transfer system.

The customer benefits

- Custom-tailored solution
- No additional drive
- Optimized work process
- Attractive, functional design
- Compact solution without additional contours that get in the way

Technical Data

Type	TB30-250
Drive	Brushless DC motor
Conveyor belt width	250 mm
Useful conveyor width	225 mm
System size	1850 x 7000 mm
Max. Transport weight	25 kg
Speed	v = 0.5- 19.1 m/min
Belt type endless	ENI-5EE, antistatic



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