



Inclined belt conveyor with belt bend

Conveyor System

The challenge

This is a situation familiar to many people whose production is automated: The ejector of one machine is not at the same level as the infeed of the next machine or processes in the conveying process. This interrupts the production line. Manual interventions are required or a pedestal that balances out the height difference between the two machines. But neither solution is ideal; they cost time, money, and work.

The solution

An inclined belt conveyor offers a more elegant and economical solution. It's based on the TB40 belt conveyor with integrated 24 VDC motor. Its acquisition costs are amortized quickly; by automating manual handling, the inclined belt conveyor saves time and money in production. Another plus: Should the production line need to be rearranged, this is easy to do. The inclined belt conveyor can be removed from the production line easily and re-inserted elsewhere if necessary – without any modifications.

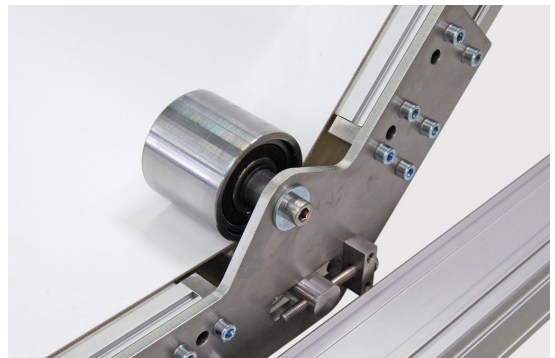
Benefits for the customer

- Simple solution for balancing out height differences
- Thanks to integrated 24 VDC motor, there are no contours that interrupt an external drive
- Attractive, functional design
- Optimized, resource-sparing work process
- Great stability of the basic structure and sophisticated mechanics

Technical specifications

Belt type	TB40 belt conveyor with 1 or 2 belt bends
Drive	24 VDC motor with integrated drive axle
Max. load	200 kg (in conveying operation)
Speed	1.0 to 33.5 m/min (infinitely adjustable)
Chassis width	300–800 mm
Angle of incline	60° (standard), also available with customer-specific angles
Belt length/height difference	customer-specific

More impressions



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