



Innovatively Designed TB30 Belt Conveyor with Swiveling Drive Conveyor System

The challenge

A customer in the metalworking industry engaged in single and series production needed two conveyor lines for its production. The first transport solution requires feed and removal belts for the processing machine for oily metal parts. The second production line transports sharp-edged parts that are filled with a cooling emulsion to the other processing stations. Both lines are designed to avoid contamination of the motor with oil or cooling emulsion during production.

The solution

The standardized TB30 belt conveyor with a swiveling head drive is perfectly suited for both of the customer's conveyor lines. Because the drive is above the belt conveyor, it does not come into contact with the oil or cooling emulsion. In addition, a stainless steel oil collection pan protects against contamination. It is integrated into the floor stand and mounted directly below the TB30 belt conveyor. The rollers on the floor stand make the entire conveyor unit mobile, which is particularly useful for maintenance work.

The customer benefits

- Optimized, clean work process
- Swiveling drive position from 0 to 270 degrees can be selected at will
- Stable, durable, and space-saving
- Attractive, functional design
- Easy access to the processing machine thanks to mobile base
- Flexible use for different processing machines

Technical Data

	Requires feed and removal belts from the processing machine:
Belt type	TB30
Drive	Right head drive, swiveling
Belt conveyor width	8.97"
Max. transport weight	4.4 lbs
Speed	Up to 167,3 fpm variable
Length	39.37"
Belt	HNB-5E 14

	Conveys sharp-edged parts to the other processing stations:
Belt type	TB30
Drive	Right head drive, swiveling
Belt conveyor width	8.97"
Max. transport weight	4.4 lbs
Speed	Up to 167,3 fpm variable
Length	196.85"
Belt	HNB-5E 14



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