



Semi-standard TB30 belt conveyors with brushless motors

References

«The medical and pharmaceutical sectors require extremely high productivity, quality, and precision. Montech has proven itself to be a reliable player in all three areas and has presented us with solutions that are easy to integrate and meet the required standards.»

- Claudio Sinico, Managing Director, Sintech srl

The challenge

For 30 years, Sintech has been active internationally in the field of industrial automation for a wide range of industries and sectors. In recent years, this Italian company has specialized in the development and implementation of loading and unloading cells and inspection lines for the medical and pharmaceutical industry (bottles and syringes); the parent company Brevetti CEA manufactures these. Brevetti CEA is a leader in the field of automatic inspection of injectable pharmaceutical products. These systems can process up to 600 items per minute and perform both an aesthetic control of the containers and a particle control of the medications they contain. For these systems, Sintech was searching for components that are optimally adapted to the specific characteristics of the sector which requires extremely high quality and production standards; and the long testing and validation times of the systems, which make it even more important for suppliers to adhere to delivery times.

The solution

Sintech has found an ideal partner for these projects in Montech. Our semi-standard TB30 belt conveyors, equipped with brushless drives, medically specific side guides, and low-friction belts, meet all of Sintech's requirements. While the width of the belt conveyors remains relatively unchanged, the length varies according to the different production requirements of the inlet and outlet modules. This solution is efficient and meets all the requirements of the medical and pharmaceutical industry.

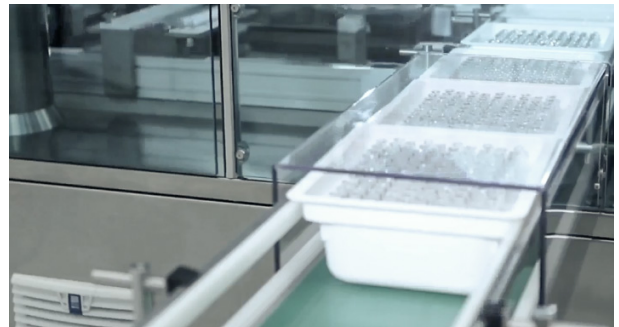
The benefits for Sintech

- Brushless motors ensure excellent handling of high production speeds
- Low-friction belts prevent dust from forming on the conveyor during product handling. This helps to ensure that the many cameras in the inspection facility that perform the aesthetic inspection of the containers and the particle inspection of the medication they contain remain intact.
- The adjustable side guides are suitable for medical and pharmaceutical applications and are aesthetically pleasing.

Specifications

TB30 TB-250	
Frame widths	250 mm
Belt lengths	1300-4000 mm
Conveyor belt width	220 mm
Belt type	FNB-5E –FDA Certificate
Maximum transport weight	Bis 15 Kg
Drive	Brushless DC motor
Speed	15-20 m/min
Substructure	Quick-Set Framing System

Application impressions



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