

D110410

BOX ELEVATOR

Description:

Machine designed for the movement of boxes at different heights.

The equipment is designed specifically for each installation and can be adapted to different unevenness between the collection belt and the discharge belt.

The machine can be designed to pick up boxes longitudinally or laterally depending on the design and flow needs of the facility.

The lifting movement is electric using a gear motor driven by specific toothed pulleys for feeding. The box support is a conveyor belt, pulled by a drum motor to enter and exit the boxes. The support also incorporates pneumatic safety jaws that prevent the risk of the boxes falling.

The equipment requires a prior dosing belt controlled by the elevator's electrical panel or a prior pneumatic box brake also controlled by the elevator.

The entire system is mounted on a frame made of AISI 304 stainless steel with adjustable legs. This system will be anchored to the ground.

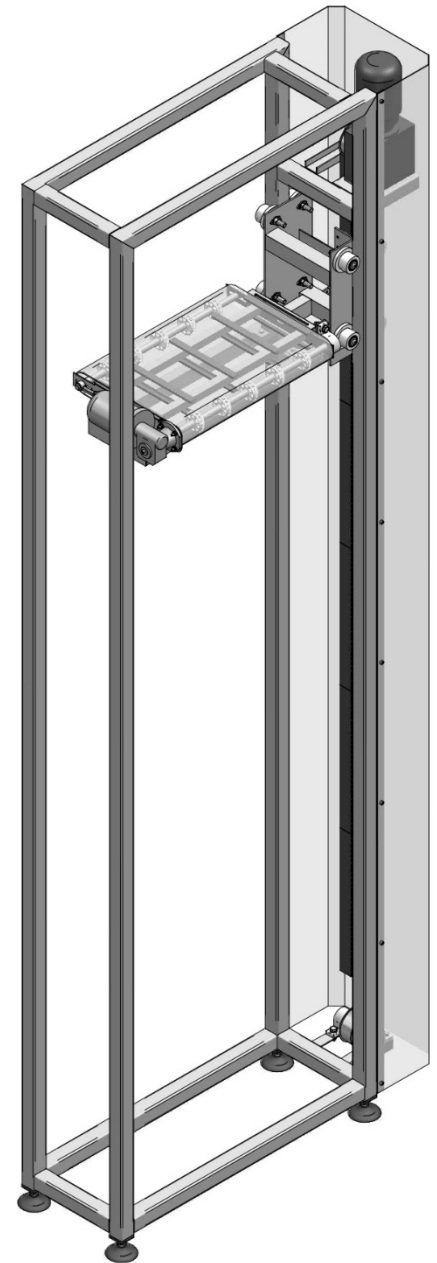
The system has all the necessary elements to carry out the corresponding movements and the exact positioning of the belt.

The conveyor belt is made of polyethylene, allowing a small sprocket diameter, ideal for the passage of this belt to the main collection belt.

Includes electrical control and command panel with frequency and safety inverter.

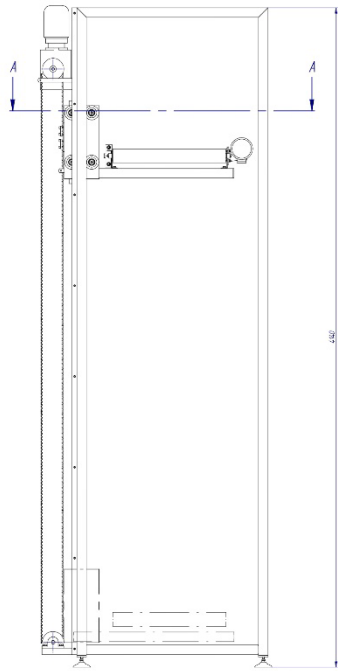
Technical data:

- Frame: AISI 304 stainless steel construction
- Power: 0.25kW (Conveyor Belt Power) / 0.75kW (Elevator Power)
- Dimensions: According to design.
- Production: 300 – 600 operations per hour (depending on the slope)

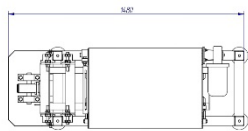


DEMONSTRATIVE VIDEO

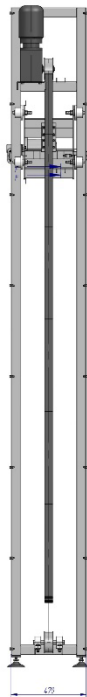




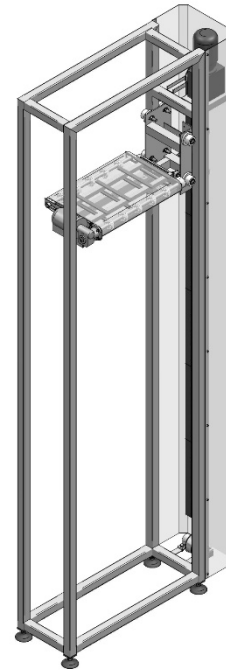
VISTA EN ALZADO



CORTE A-A



VISTA LATERAL



ELEVADOR-DESCENSOR DE CAJAS

