

Linear unit - Mechbelt

Smart belt-driven linear unit



- ✓ *Strong*
- ✓ *Safe*
- ✓ *Accurate*

The Mechbelt can, with advantage, be used in automatic equipped equipment, for example in packaging stations, automatic stacking, palletizing robots, robot cells, commercial lift elevators and product feeding units.

The Mechbelt is a belt driven linear unit to drive 1 or 2 or 3 axle linear movements up to a length of 14 meters in both the horizontal and vertical position. The parallel mounted units allow loads up to 500 kgs.

The driving movement of the units is through the help of a high quality timing belt, and it is possible to have two parallel units working from the same motor.

A pulse counter can be mounted on the outgoing axle for positioning of the load. The Mechbelt can be supplied in custom made versions with different motor and gear options.

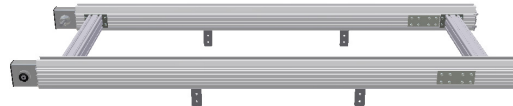


Horizontal Mechbelt

Simple



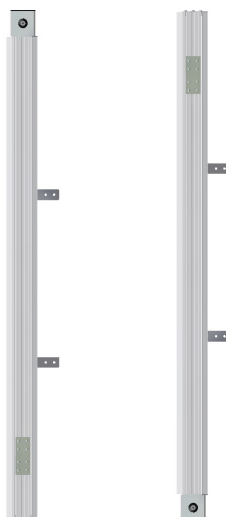
Double



Vertical Mechbelt

Simple

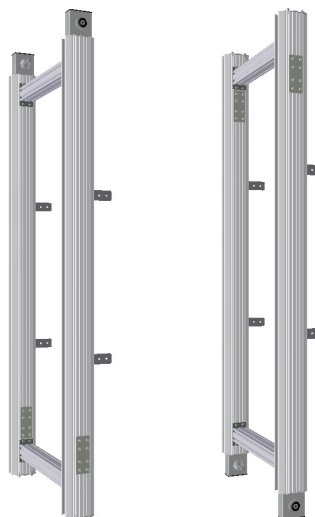
Motor - Up



Motor - Down

Double

Motor - Up



Motor - Down