



SIDE GRIP ELEVATORS

LM side grip elevators/lowerators are special handling systems normally used in bottling and canning lines to change products transport levels within a very small foot print and at high speed.



Operation:

The main feature of this machine is that it is continuous system as opposed to many other types of elevators which have an alternating operation and consequently lower capacity.

Special grippers which are linked to side flex chains take the products from the side and hold them until they don't release them at a different level. This solution grants high productivity and very simple operation.

Products typically conveyed:

- cans
- jars
- glass and PET bottles
- liquid containers and tanks
- plastic cases
- carton boxes



SIDE GRIP ELEVATOR

Maximum capacity* (p/min):	400
Maximum speed (m/min):	60
Min. difference in level B (mm):	1200
Max. difference in level B (mm):	12000
Product maximum weight (kg):	15
Frame width W (mm):	1000
Frame length L (mm):	2000
Minimum hole in the floor S/P (mm):	1200
Total power installed (kW):	3

* depending on product

Construction:

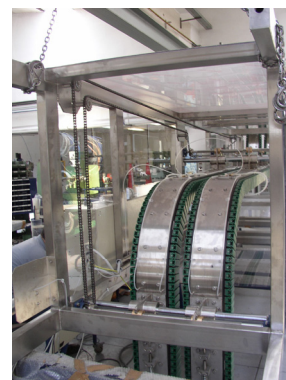
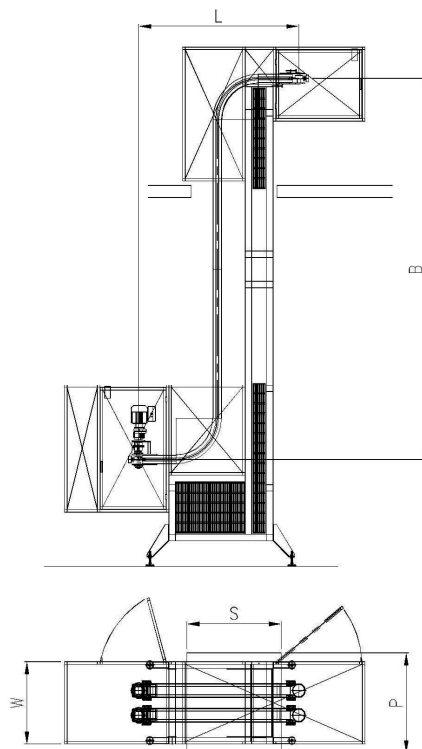
- Standard: mild painted steel frame
stainless steel chain guide frame
Plexiglas safety covers
- Stainless: stainless steel frame
stainless steel chain guide frame
Plexiglas safety covers

Typical features:

- Very small foot print
- Easy maintenance and long maintenance periods
- Easy installation
- Basically no electronic control needed
- Centralised regulation of the width of the grippers
- Automatic chains lubrication
- S shape (standard elevator)
- C shape (elevator and product twister)
- Ω shape (operator or forklift pass trough)

Options and special versions:

- Automatic product changeover
- Bidirectional operation
- Special execution for high temperature products (up to 90°C)



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