



CONTINUOUS PLATFORM ELEVATOR

LM flexible platform elevators/lowerators are special handling systems which are used in packaging lines to change products transport levels within a very small foot print 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 flexible platforms which are hold by side chains take the products and release them at a different level without any relative motion between the platforms and the products. The product is not subject to any stress, it is not tighten form the sides and remains horizontal during transport.

Products typically conveyed:

- unpacked products (snack products, bakery products, frozen food)
- thermoformed trays
- trays (carton, plastic, polyester)
- flexible packages
- shrink packs
- carton boxes and crates
- plastic boxes
- paper stacks



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Maximum capacity* (p/min):	80
Maximum speed (m/min):	50
Min. difference in level B (mm):	500
Max. difference in level B (mm):	15000
Product maximum weight (kg):	80
Platform width C (mm):	400, 500, 600
Frame width W (mm):	C + 450
Platform length A (mm):	431, 482, 533, 584
Frame length I (mm):	A + 710
Maximum power installed (kW):	2

* depending on product

Construction:

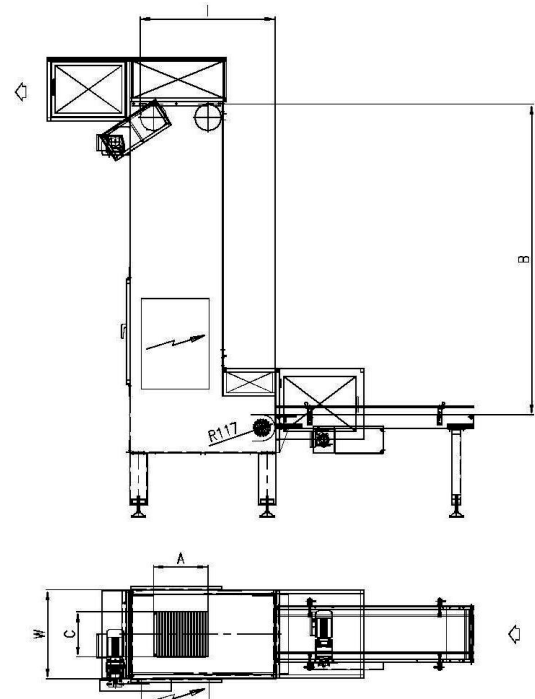
- Standard: mild painted steel frame
aluminium platforms
Plexiglas safety covers
- Stainless: stainless steel frame
platforms and chains nickel plated
stainless steel grid safety covers

Typical features:

- Very small foot print
- Easy maintenance and long maintenance periods
- Easy installation and electronic control
- No format change needed

Options and special versions:

- Inlet space metering belts to synchronise products and platforms
- Inlet or outlet knife edge transfer belts for unstable products
- Bi-directional operation



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