ELEVATOR ELR

Elevators are used in lines to efficiently convey produce or waste at certain heights.

General description

The Elevators are used to convey produce or waste at a certain height. They are mainly used to overcome height differences. This type of elevator is mainly straight.

The standard Elevator is supplied with a painted mild steel frame, and bearings and drive/idle rollers are of mild steel. On demand, the Frame can be supplied with stainless steel but bearings and drive/idle rollers are of mild steel.

Belts of elevators can be supplied in PVC, PU, and rubber depending upon application. On demand, the Bottom/top sides of the elevator can be covered with a cover made of zinc plated steel or stainless steel.

All dimensions in cm

Type	Width of the machine (A)	Length of the machine (B)
ELK 40	40	225 t/m 2500, steps of 25 cm
ELK 60	60	
ELK 80	80	
ELK 90	90	
ELK 100	100	
ELK 120	120	
ELK 140	140	
ELK 150	150	
ELK 170	170	
ELK 230	230	

All capacities are indications based on experience from the past and depend on the agro climatic, soil and logistic conditions of the product, Allround VP does not guarantee any of these.

Characteristics

- ✓ Models are available in 40, 60, 80, 90, 100, 120, 140, 150, 170, and 230 cm width
- ✓ A backstop prevents produce roll-back
- ✓ The length of the machine is 225 t/m 2500, with steps of 25 cm
- ✓ The cleats are THW 75
- ✓ The length of topside cover is 0 t/m 2500, with steps of 25 cm
- ✓ The length of the legs can vary from 0-7 meters
- ✓ Belts of elevators can be supplied in PVC, PU, and rubber

Options:

- **Material and treatment (frame)**
  - Painted mild steel — Frame is made from painted mild steel. The bearings and drive/idle rollers are from mild steel
  - Stainless steel — Frame is made from stainless steel. The bearings and drive/idle rollers are from mild steel
- **Belt**
  - PVC — The belt is made of PVC
  - PU — The belt is made of PU
  - Rubber — The belt is made of Rubber
- **Cleats**
  - Cleats height — The height of the cleats is 40 mm, 60 mm or 80 mm
  - Cleats shape — The cleats are THW 75
- **Electrical control**
  - No electric — Motors and necessary sensors
  - Stand-alone — Motors, necessary sensors and control panel
  - Central control in line — Motors and necessary sensors

Options:

- Material and treatment (electrical panel)

Painted mild steel	The electrical panel is made from painted mild steel
Stainless steel	The electrical panel is made from stainless steel

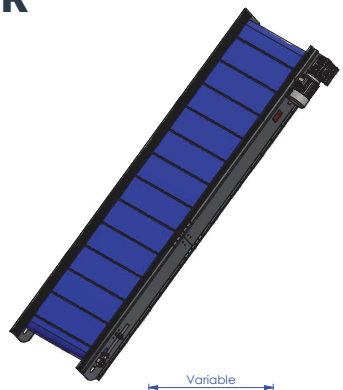
- Material and treatment (bottomside cover)

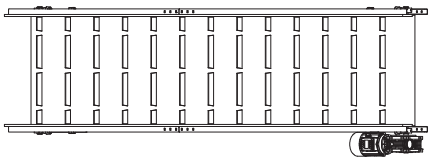
Zinc plated steel	A cover is mounted on the bottom of the machine, made from zinc plated steel. The length of the bottomside cover is 0 t/m 2500, steps of 25 cm
Stainless steel	A cover is mounted on the bottom of the machine, made from stainless steel. The length of the bottomside cover is 0 t/m 2500, steps of 25 cm

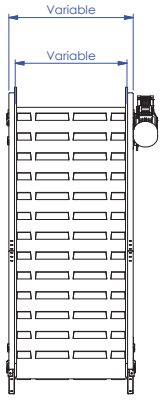
- Material and treatment (topside cover)

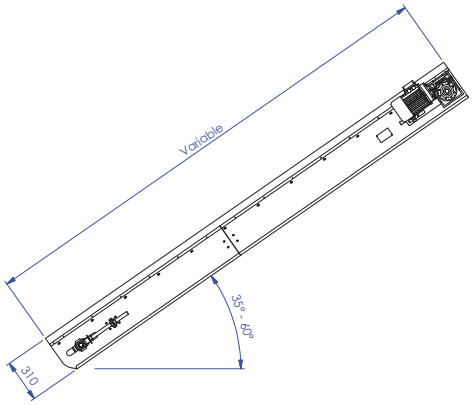
Zinc plated steel	A cover is mounted on top of the machine, made from zinc plated steel. The length of the topside cover is 0 t/m 2500, steps of 25 cm
Stainless steel	A cover is mounted on top of the machine, made from stainless steel. The length of the topside cover is 0 t/m 2500, steps of 25 cm

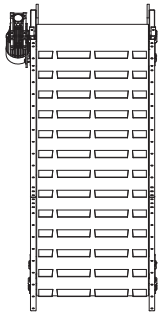
ELR











For discussion only!
The dimensions are approximately.
We are free to resize and change the machines, when we deem it necessary.

Tol principle: ISO 8015	General tolerances: ISO 20768	Fit system: ISO 286	Geometrical tolerancing: ISO 1101		
	Project: Elevator				
	Description: ELR 350-80				
	Surface:				
ALLROUND VEGETABLE PROCESSING	Engineer: S.Jaan	Scale: 1 : 25	00018558	Revision:	
	Date: 4-6-2019	Sheet size: A3		00	
		Unit: mm	Sheet: 1 of 2		