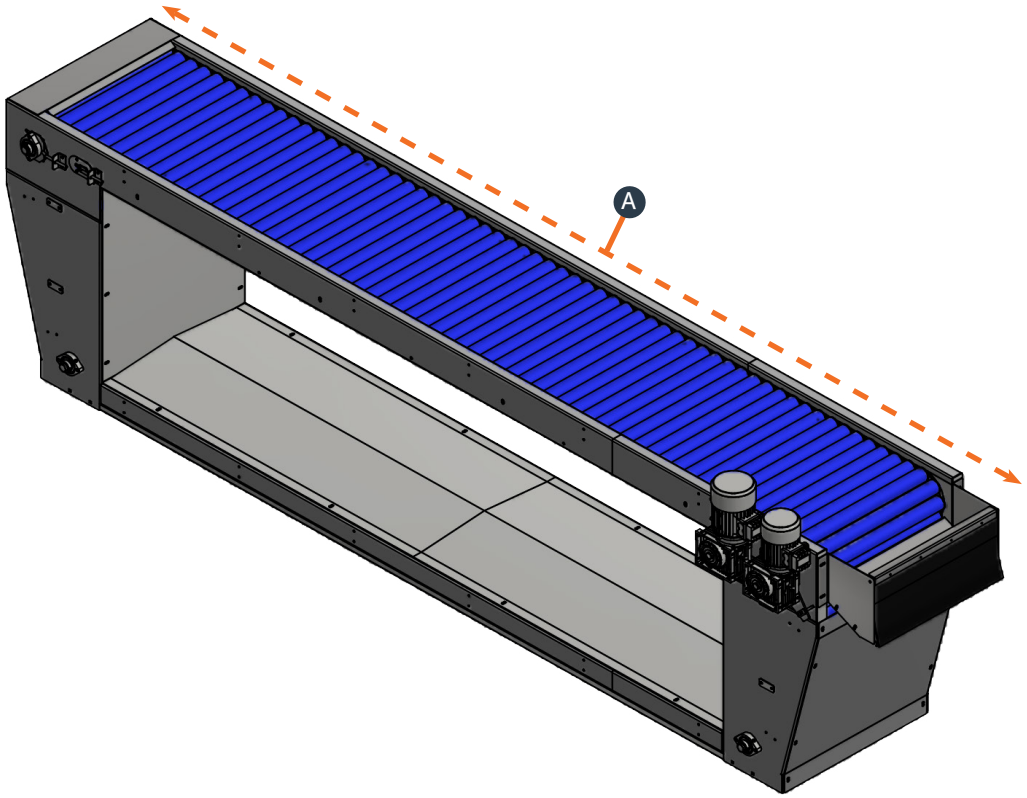
INSPECTION UNIT RIZ

Allround cabin inspection is used for manual sorting of the waste between the products.



General description

Allround cabin inspection is used for manual sorting of the waste between the products. The produce is transported and rotated over rollers so the produce can be inspected. Waste and rejected produce can be picked out. The rotating speed can be adjusted. Dust falling through the rollers is collected in a bin. This type is meant for standing and sitting. An outfeed chute to separate the waste of the aisle is included. The cabin inspection can be made with rollers or with a conveyor, as per the customer's requirement.

All dimensions in cm

		RIZ 60	RIZ 80	RIZ 100	RIZ 120	RIZ 140
A	Width of the roller	60	80	100	120	140
B	Length of the machine	125 to 650, steps of 25 cm				

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

- ✓ On demand, the rollers in the inspection table can be made from stainless steel AISI304 or PVC
- ✓ On demand, the electrical panel can be made from stainless steel AISI304 or a painted mild steel
- ✓ A waste chute is included on the side. The chute will guide waste to a transport conveyor or box
- ✓ In the middle of the conveyor, an aisle is included. There is a separate passage in the outfeed chute
- ✓ A light strip is added to the inspection unit to make the product more visible
- ✓ A safety cord is included. By pulling this safety cord, the machine or line will stop
- ✓ A frequency inverter is included to control the speed

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 AISI304. The bearings and drive/idle rollers are from mild steel

■ Rollers

Stainless steel Ø 30 mm	The rollers in de inspection table are made from stainless steel AISI304 The roller diameter is Ø 30 mm The pitch of the chain is 3,8 cm The gap size is 8 mm
PVC Ø 32 mm	The rollers in de inspection table are made from PVC The roller diameter is Ø 32 mm The pitch of the chain is 3,8 cm The gap size is 6 mm
PVC Ø 56 mm	The rollers in de inspection table are made from PVC The roller diameter is Ø 56 mm The pitch of the chain is 6,3 cm The gap size is 7 mm

■ Electrical control

No electric	Motors and necessary sensors
Stand-alone	Motors, necessary sensors and control panel. The length of the cable is 5, 10, 15 or 20 meter
Central control in line	Motors and necessary sensors

■ Frequency inverter

Speed adjustment	A frequency inverter is used to control the speed

■ 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 AISI304

Options:

- **Material and treatment (legs)***

Stainless steel	It is made from stainless steel AISI304
Painted mild steel	It is made from painted mild steel
Galvanized steel	It is made from galvanized steel

- **Length of legs***

Length of legs	0 to 7 meter

- **Waste collection – chute***

Chute	Waste chute is included on the side. The chute will guide waste to a transport conveyor or box

- **Waste collection – aisle***

Aisle	In the middle of the belt an aisle is included. There is a separate passage in the outfeed chute

- **Light strip***

Light strip	Light strip is added to the inspection unit to make the product more visible

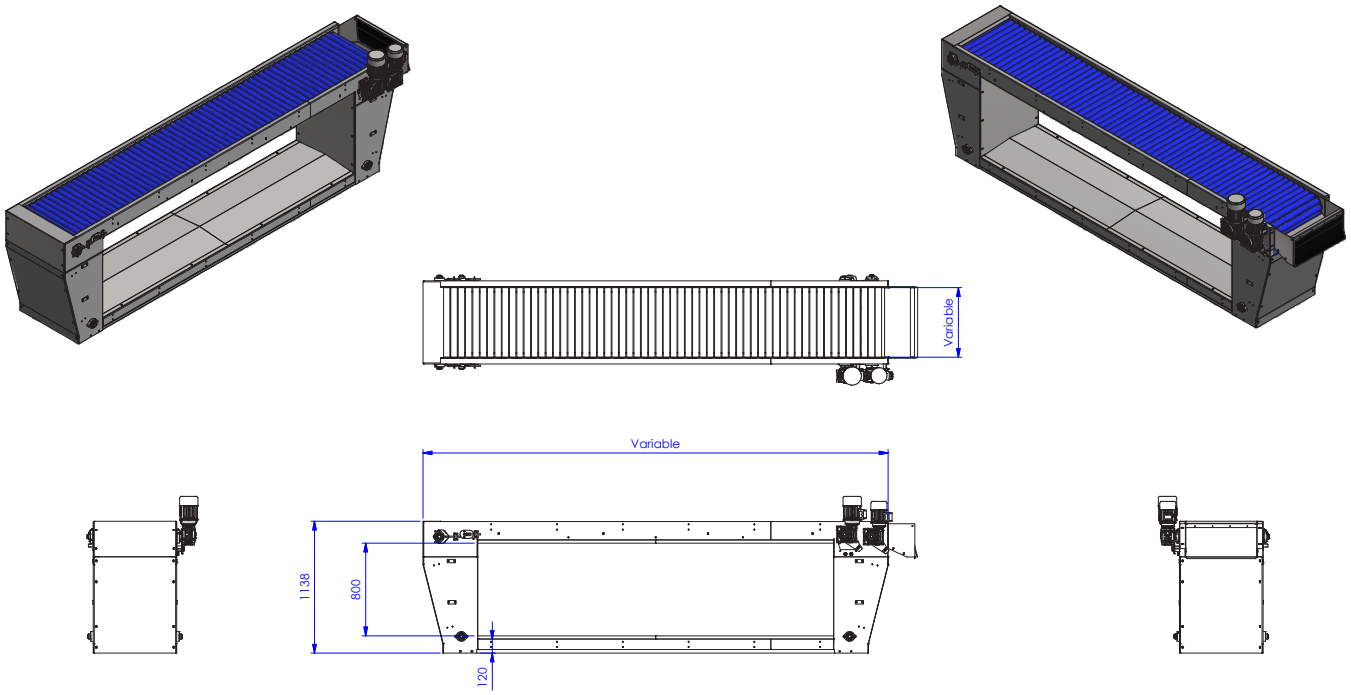
- **Safety cord***

Safety cord	A safety cord is included. By pulling this safety cord the machine or line will stop

- **Roller speed***

Fixed	A belt within the machine is mounted to control the roller speed (not transport speed)
Adjustable	A belt within the machine is mounted to control the roller speed (not transport speed). A frequency inverter is included so that the roller speed is adjustable

RIZ 400-60



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: Inspection unit				
Description: RIZ 400-60				
Surface:				
Engineer: HWS	Scale: 1 : 30	00013130	Revision: 00	
Date: 28-6-2019	Sheet size: A3			
	Unit: mm	Sheet: 1 of 4		