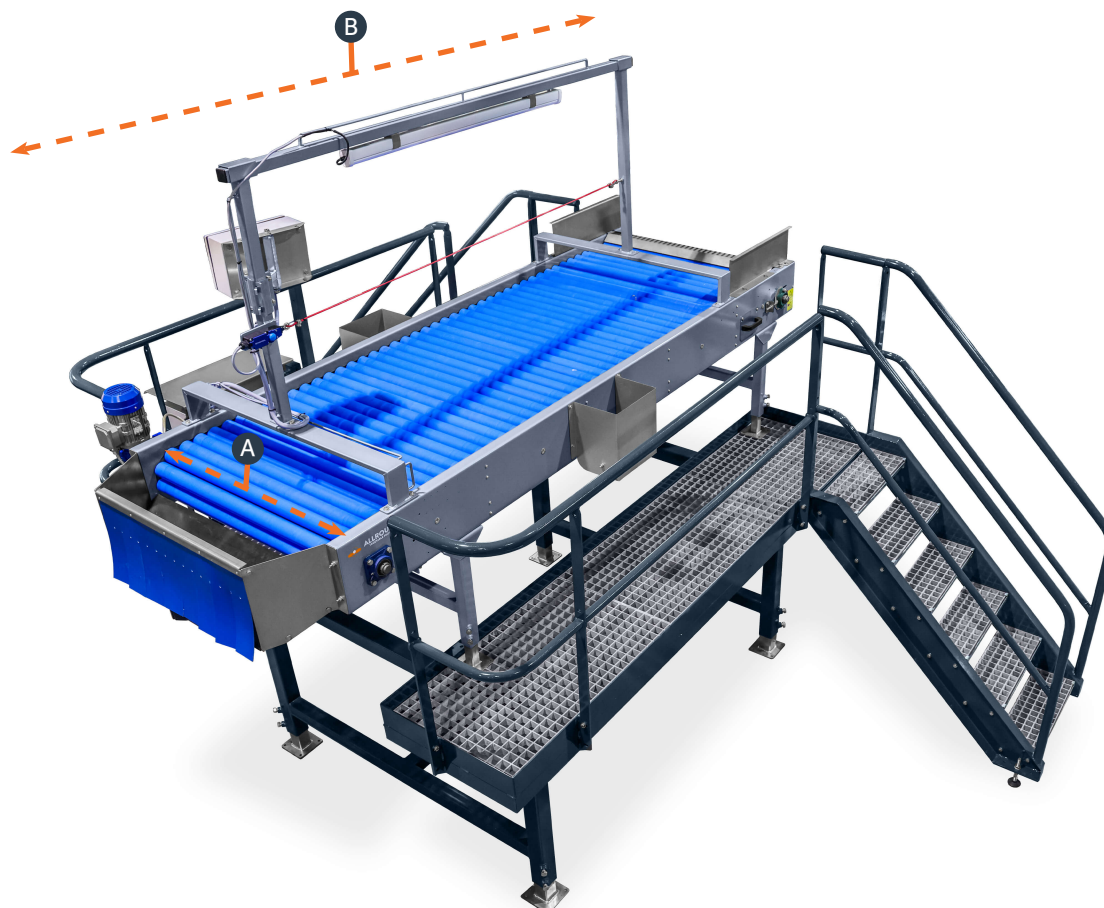


INSPECTION UNIT RI

Allround roller inspection tables are designed for round products. The produce is transported and rotated over rollers so the produce can be inspected.



General description

Allround roller inspection tables are designed for round products. The produce is transported and rotated over rollers so the produce can be inspected. Waste and rejected produce can be picked out. This type is meant for standing only. An outfeed chute to separate the waste of the aisle is included. Allround offers roller inspection tables in various lengths and widths, depending on the needs of the customer.

All dimensions in cm

		RI 60	RI 80	RI 100	RI 120	RI 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 electrical panel can be made from stainless steel AISI304 or painted mild steel
- ✓ On demand, the rollers in the inspection table are made from stainless steel AISI304 or PVC
- ✓ Waste chutes are included on the side. The chutes 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
- ✓ Light strips are added to the inspection unit to make the product more visible
- ✓ A safety cord is included. By pulling this safety cord, the machine/line will stop
- ✓ On demand, a conveyor 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

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
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■ 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
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■ Waste collection – chute*

Chute	Waste chute is included on the side. The chute will guide waste to a transport conveyor or box
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■ Waste collection – aisle*

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

Light strip	Light strip is added to the inspection unit to make the product more visible
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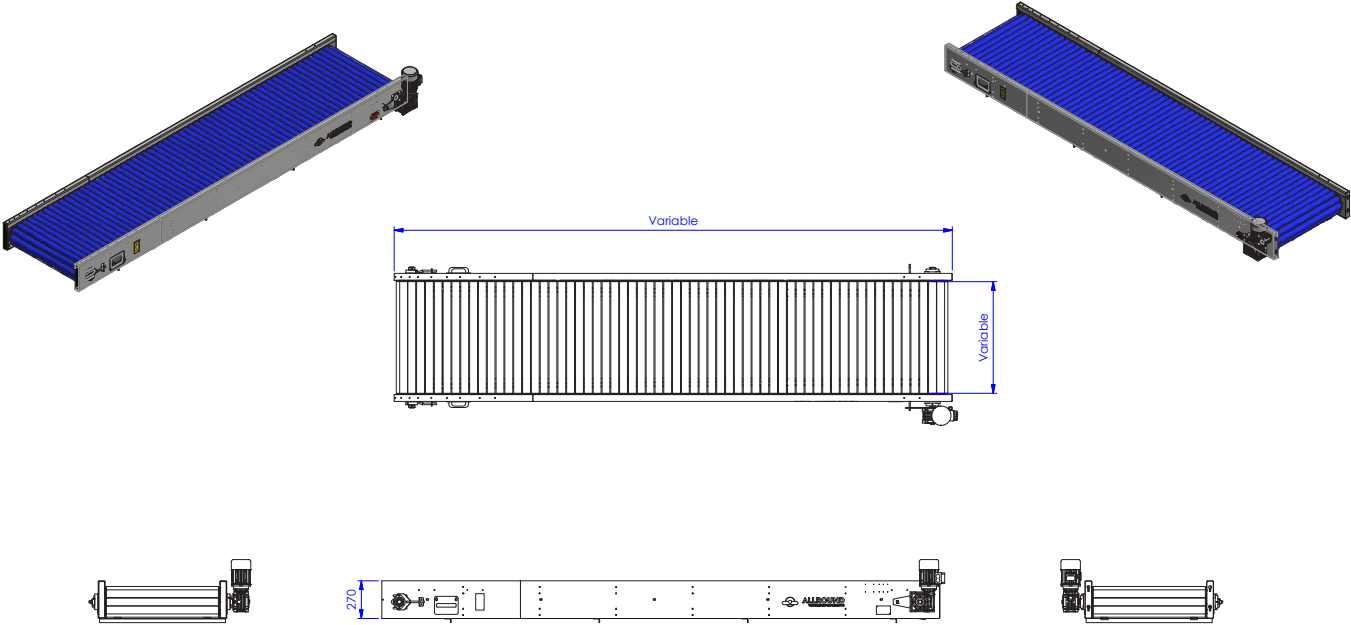
■ Safety cord*

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


■ 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

RI 400-80



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

Tal principle: ISO 8015		General tolerances: ISO 20768		Fit system: ISO 286		Geometrical tolerancing: ISO 1101	
		Project: Inspection unit					
		Description: RI 400-80					
		Surface:					
		Engineer: HWS		Scale: 1 : 25		00009355	
ALLROUND VEGETABLE PROCESSING		Date: 28-12-2019		Sheet size: A3		Revision: 02	
				Unit: mm		Sheet: 1 of 2	