

## SKIN SEPARATOR SK

Allround Vegetable Processing manufactures a range of skin separators that effectively remove loose pieces, skin, branches, and leaves from produce prior to the washing process.



### General description

Allround Vegetable Processing manufactures a range of skin separators that effectively remove loose pieces, skin, branches, and leaves from produce prior to the washing process.

The skin separators work on different density principal, that the product is heavier than the pieces that are to be taken out and therefore separates them. A floating waste is carried out from the machine together either with the stream of water or optionally dirt mill can be integrated on top of the skin separator. Optionally a recirculation tank can be included on demand which receives the used water from the skin separator.

In conjunction with the filter belt on top of the recirculation tank, dirt is separated from the used water streamed from the skin separator.

Allround standard skin separator comes in a painted mild steel frame with bearings and drive/idle rollers are made of mild steel. However, on demand, it can supplied in stainless steel AISI304, but bearings and drive/idle rollers are of mild steel.

Allround standard skin separator comes with a 5 mm spacing rubber coated mild steel 30 mm cleat height product conveyor. However, on demand, it can supplied in stainless steel.

All dimensions in cm

		SK 100	SK 160
A	Width of the machine	100	160

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

- ✓ Model available in 100 & 160 cm width of the belt
- ✓ Effective removal of loose pieces, skin, branches, and leaves from produce prior to washing
- ✓ On demand, spray tube can be integrated into the produce conveyor to further clean produce
- ✓ Water management can be done manually or automatically with valves and level meters
- ✓ 5 mm spaced and 30 mm cleat height rubber coated product conveyor in mild steel or stainless steel
- ✓ The subframe can be made from painted mild steel, stainless steel AISI304, and galvanized mild steel

## Options:

### ■ Material and treatment (frame)

Painted mild steel      Frame is made from sandblasted and painted mild steel (special primer). 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

### ■ Material and treatment (product conveyor)

Mild steel      The product conveyor is made from mild steel, covered with rubber  
 The cleats height is always 30 mm  
 The gap size is 5 mm

Stainless steel      The product conveyor is made from stainless steel AISI304, covered with rubber  
 The cleats height is always 30 mm  
 The gap size is 5 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

### ■ 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

### ■ Water management

Manual      The valves can be operated manually. The water level must be regulated manually

Automatic      The valves are operated automatically. The water level is regulated automatically

## Options:

### ■ Waste collection

Mill	A mill is mounted on top of the machine which transports the waste floating on the water to the waste outfeed
------	---

### ■ Cleaning

Spray tube product conveyor	A spray tube is included to clean the produce
-----------------------------	---

### ■ Material and treatment (subframe)

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

### ■ Material and treatment (subframe)

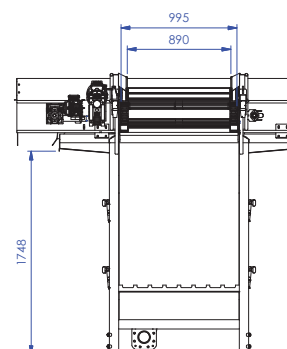
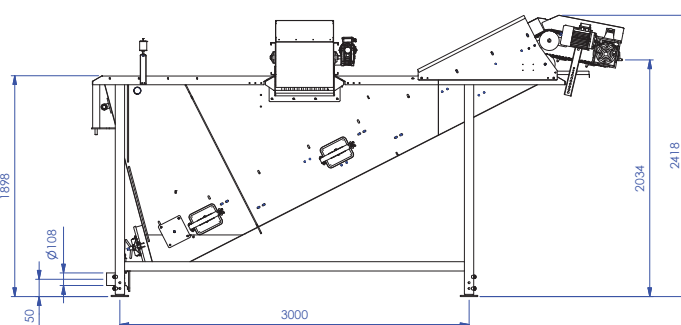
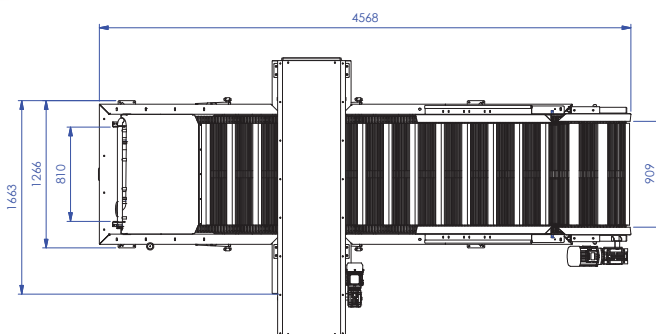
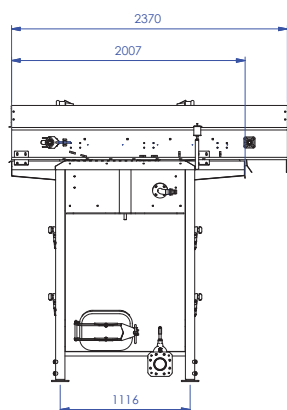
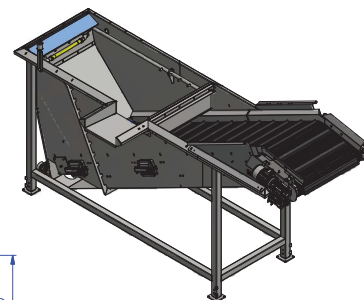
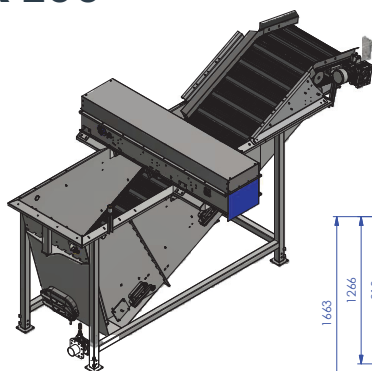
Painted mild steel	It is made from painted mild steel
Stainless steel	It is made from stainless steel AISI304
Galvanized steel	It is made from galvanized steel



### ■ Height of subframe

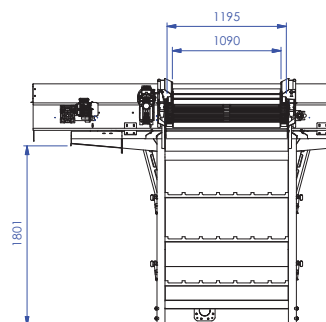
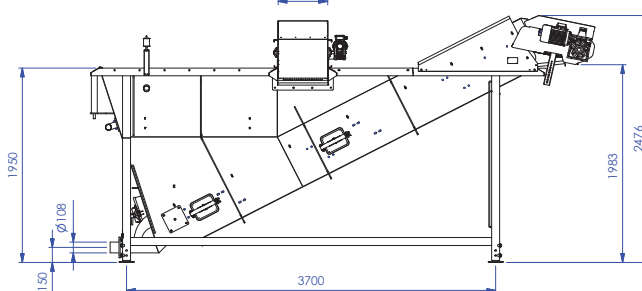
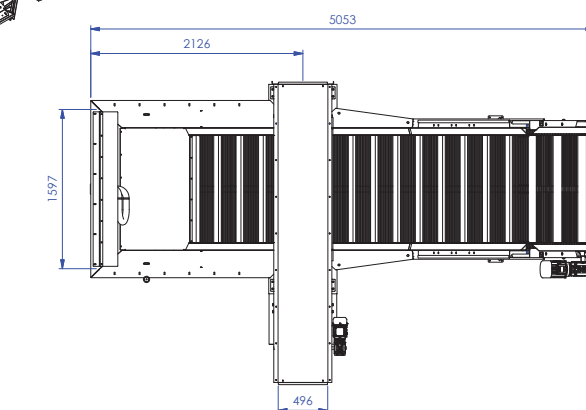
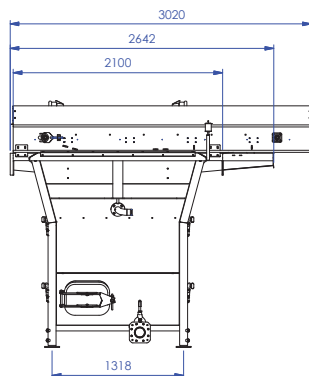
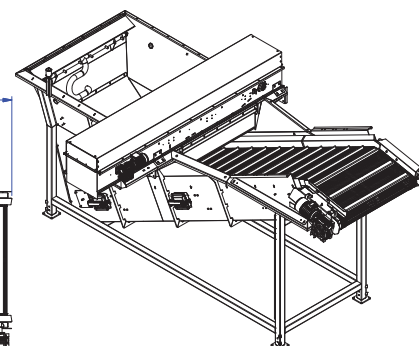
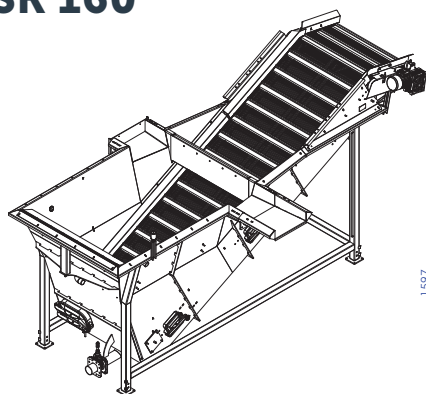
Height of subframe	0 to 5 meter
--------------------	--------------


### ■ Water collection

Recirculation tank	A tank is included which receives the used water from the skin separator
--------------------	--



Tol principle: ISO 8013		General tolerances: ISO 20768		Fit system: ISO 286		Geometrical tolerancing: ISO 1101	
		Project: <b>Skin separator - -</b> Description: <b>SK 100</b>					
		Surface: - - - Engineer: EJC8      Scale: 1 : 30 Date: 25-1-2021      Sheet size: A3 Unit: mm      Sheet 1 of 5					
<b>ALLROUND</b> VESSEL PROCESSING		<b>00056626</b>				Revision <b>02</b>	



		Main title: <b>Skin separator</b>	
Project: <b>Skin separator</b>		Project: <b>Skin separator</b>	
Description: <b>SK 160</b>		Description: <b>SK 160</b>	
Surface: <b>- - -</b>		Surface: <b>- - -</b>	
Engineer: <b>SRPL</b>		Engineer: <b>SRPL</b>	
Date: <b>26-5-2021</b>		Date: <b>26-5-2021</b>	
Scale: <b>1 : 35</b>		Scale: <b>1 : 35</b>	
Sheet size: <b>A3</b>		Sheet size: <b>A3</b>	
Units: <b>mm</b>		Units: <b>mm</b>	
Revision: <b>02</b>		Revision: <b>02</b>	