

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
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 ■ **Cleaning**

Spray tube product conveyor	A spray tube is included to clean the produce
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 ■ **Material and treatment (subframe)**

Painted mild steel	It is made from painted mild steel
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Stainless steel	It is made from stainless steel AISI304
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Galvanized steel	It is made from galvanized steel
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 ■ **Material and treatment (subframe)**

Painted mild steel	It is made from painted mild steel
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Stainless steel	It is made from stainless steel AISI304
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Galvanized steel	It is made from galvanized steel
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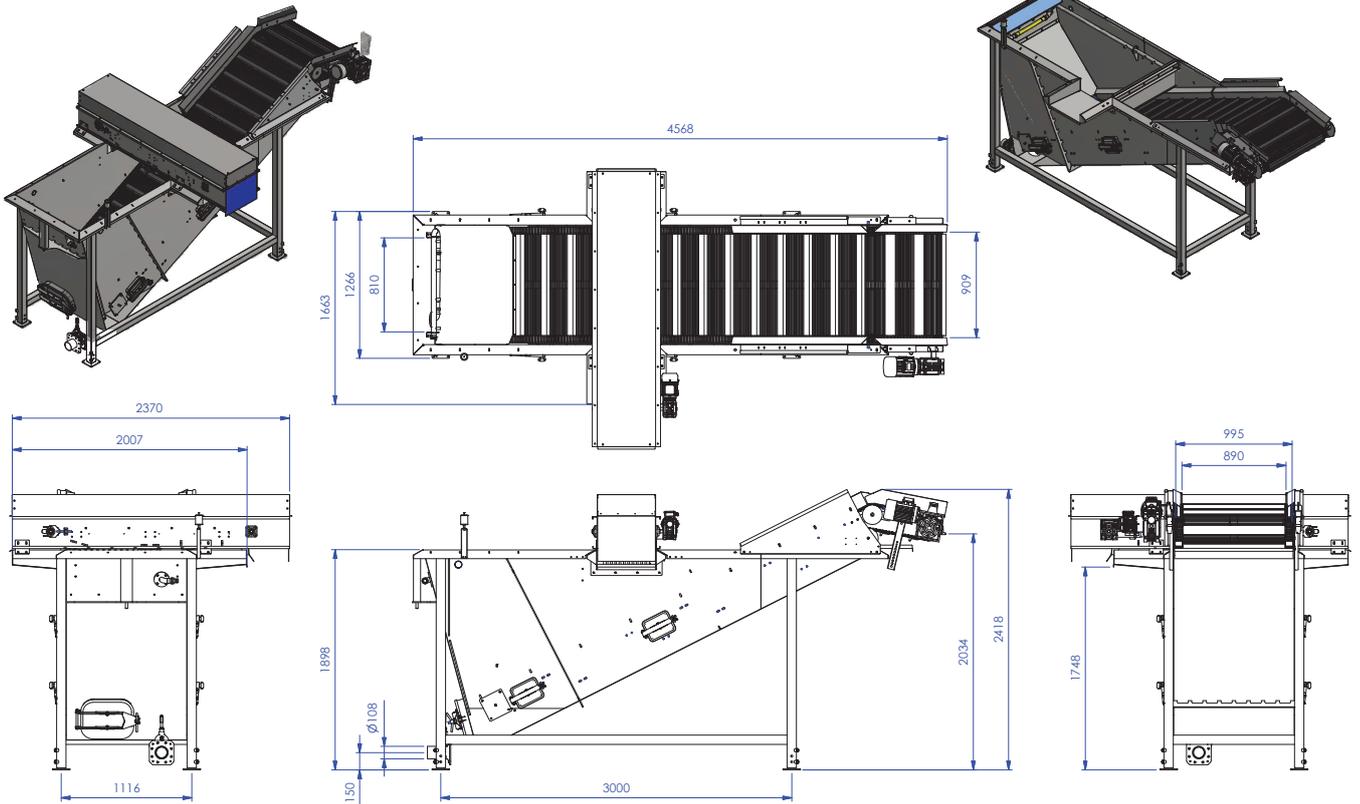
 ■ **Height of subframe**

Height of subframe	0 to 5 meter
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 ■ **Water collection**

Recirculation tank	A tank is included which receives the used water from the skin separator
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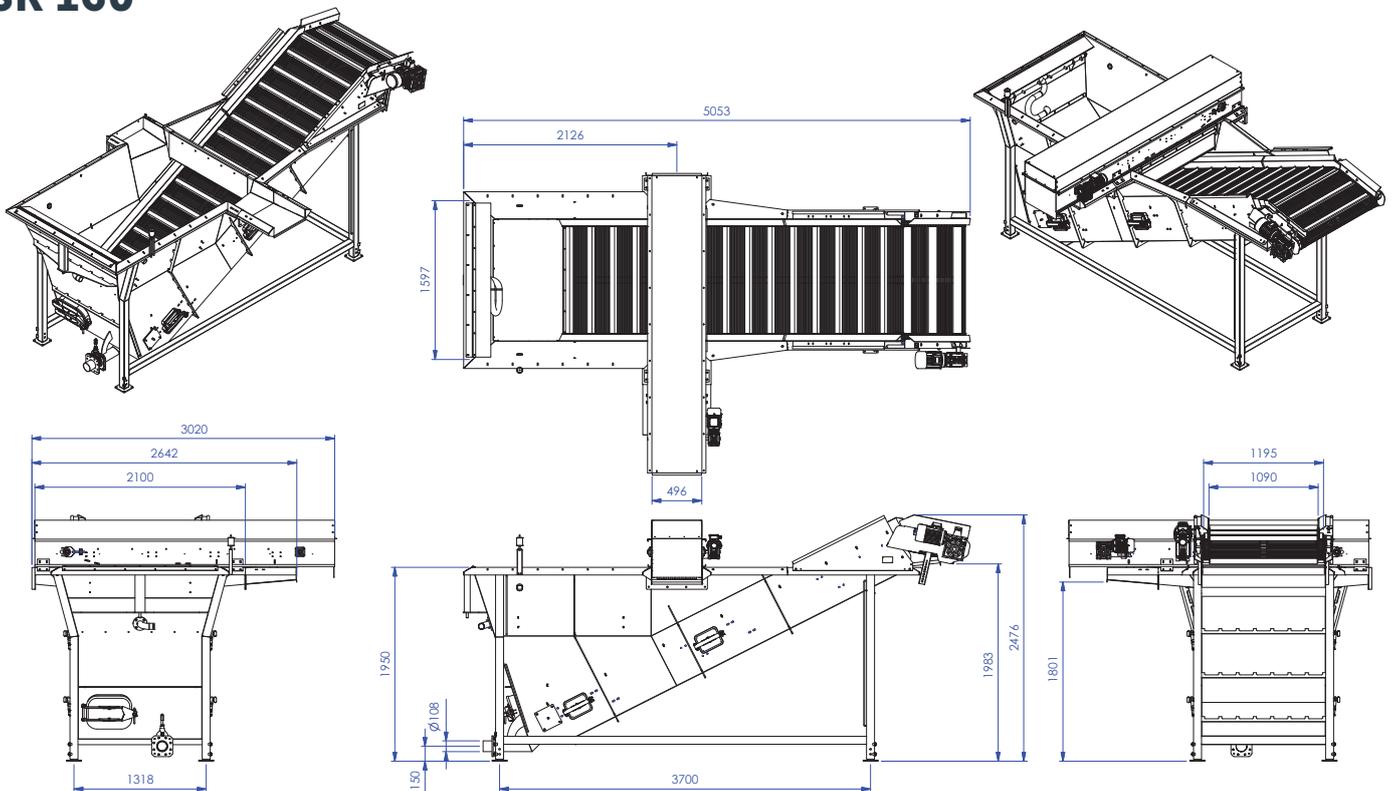
SK 100



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

Td principle: ISO 8015	General tolerances: ISO 20748	Ft system: ISO 284	Geometrical tolerancing: ISO 1101
Project: Skin separator			
Description: SK 100			
Surface: -			
Engineer: EJC/B	Scale: 1 : 30	00056626	Revision: 02
Date: 25-1-2021	Sheet size: A3	Unit: mm	Sheet: 1 of 5
			

SK 160



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

Td principle: ISO 8015	General tolerances: ISO 20748	Ft system: ISO 284	Geometrical tolerancing: ISO 1101
Project: Skin separator			
Description: SK 160			
Surface: -			
Engineer: SRPL	Scale: 1 : 35	00060973	Revision: 02
Date: 26-5-2021	Sheet size: A3	Unit: mm	Sheet: 1 of 5
			