

## STORAGE HOPPER SHB

An integrated solution of a box tipper with a storage hopper underneath to feed packing and processing lines directly with produce from the boxes.



### General description

The storage hopper with box tipper is designed to act as a buffer with the capability to tip boxes. A box with produce is placed into the tipper, which then tips, allowing the produce to fall onto the fall breaker in the storage hopper. A transport conveyor is mounted at the bottom of the storage hopper to convey the produce out.

The storage hopper with box tipper is mainly used to feed packing lines. This machine can also be used to feed processing lines with a smaller capacity.

On demand, the machine can be supplied with a dust cover on top to ensure all dust remains inside the machine during tipping. On demand, the machine can be controlled remotely using a wireless remote control.

All dimensions in cm

		SHB 160	SHB 180
A	Maximum width of the box (cm)	160	180
B	Content (m <sup>3</sup> )	1.5, 3, 7	3.5, 7

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

- ✓ We have models available for 1600, 1800 & 2400 mm wide boxes
- ✓ The available storage capacities are 1.5, 3, 3.5 & 7 cubic meters
- ✓ An integrated box tipper is placed on top of a storage hopper
- ✓ Used to feed packing or processing lines
- ✓ Soft loading inside the machine provides gentle handling
- ✓ On demand, the machine can be supplied with a dust cover on top
- ✓ On demand, a wireless remote control can be provided
- ✓ On demand, a ventilator can be provided for air recirculation

## 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. The bearings and drive/idle rollers are from mild steel
Foodgrade painted	Frame is made from painted mild steel with food grade certificate. The bearings and drive/idle rollers are from mild steel

### ■ Electrical control

Stand-alone	Motors, necessary sensors, switch box and control box
No electric	Motors and necessary sensors only. Wiring, additional sensors and/or control panel are not included

### ■ 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

### ■ Remote control

Wireless	A wireless remote control is included. The machine can be controlled from a distance
Pulling cord	A pulling cord, to control the machine, can be mounted on the ceiling (no installation included)

### ■ Soft landing

Fully	Soft landing is mounted at the bottom of the storage hopper
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### ■ Cover

Dust cover	A dust cover is mounted on top of the machine
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**Options:**■ **Automatic box clamping**

Automatic box clamping      The box is clamped by a rod that automatically adjusts to the height of the box

■ **Tipping**

Big bag tipping      To be able to tip big bags with a storage hopper with box tipper. The big bags can not be higher than 140/150 cm. Claws will keep the big bag in place while tipping, therefore the big bag can not be reused after

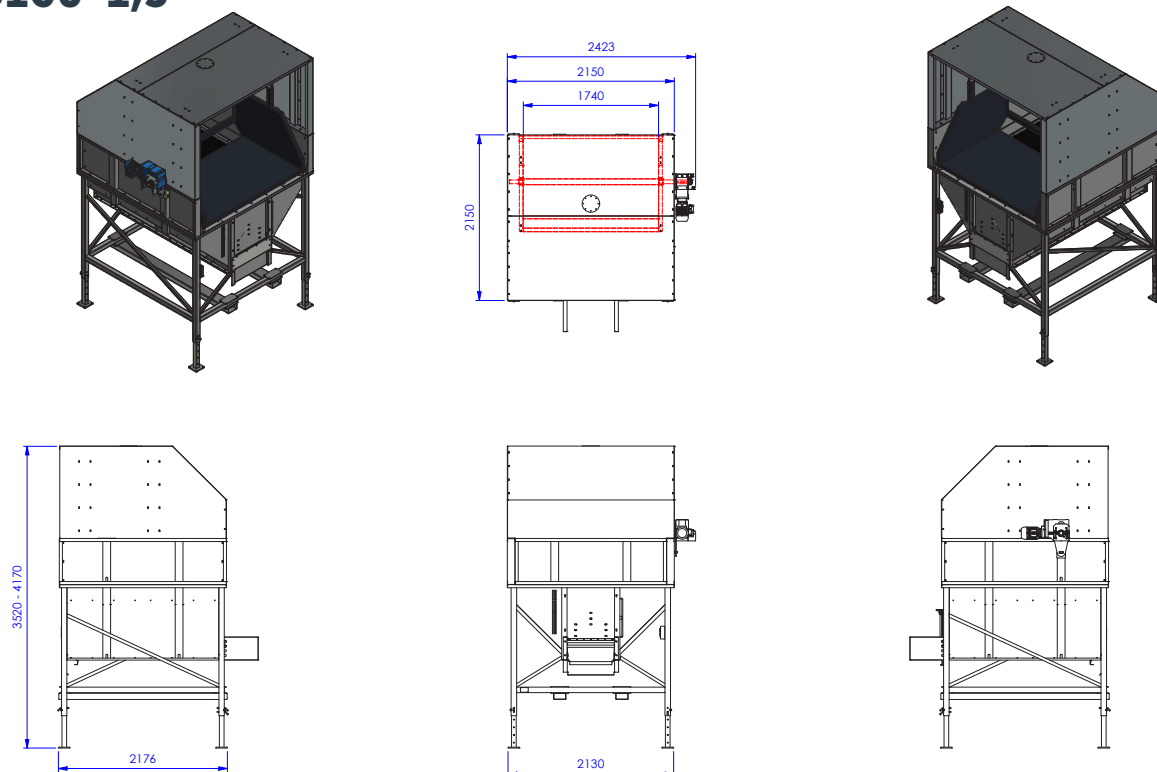
■ **Hatch**

Hatch      A hatch is mounted on the side of the machine. The hatch can be used to remove the product from the machine


■ **Ventilator**

Ventilator      A ventilator is mounted on the machine

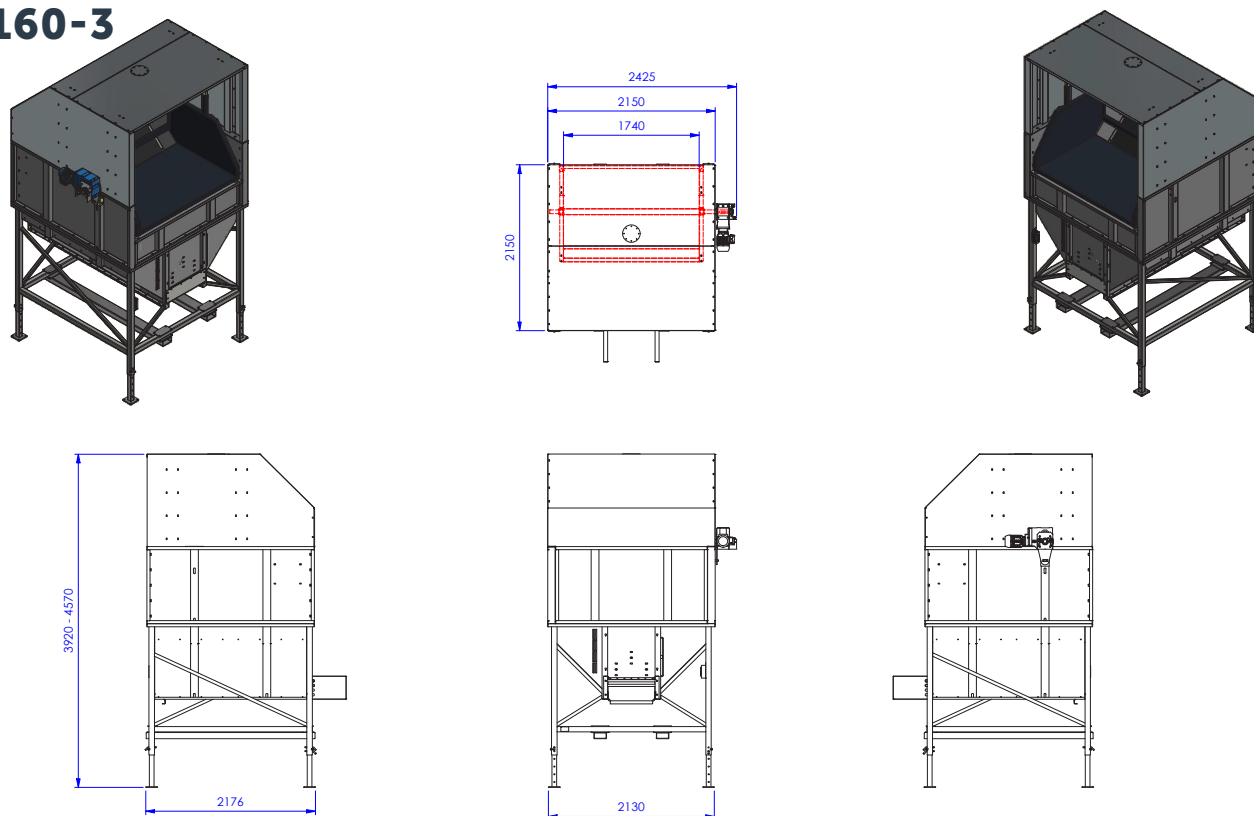
## SHB160-1,5




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

	Project: <b>Storage hopper</b> Description: <b>SHB 160-1.5</b> Surface: Engineer: S.Jaan Date: 22-09-2020	General tolerances: ISO 20748 Scale: 1 : 45 Sheet size: A3 Unit: mm	Fit system: ISO 284 Geometrical tolerancing: ISO 1101 <b>00003541</b> Sheet: 1 of 2	Revision: <b>01</b>
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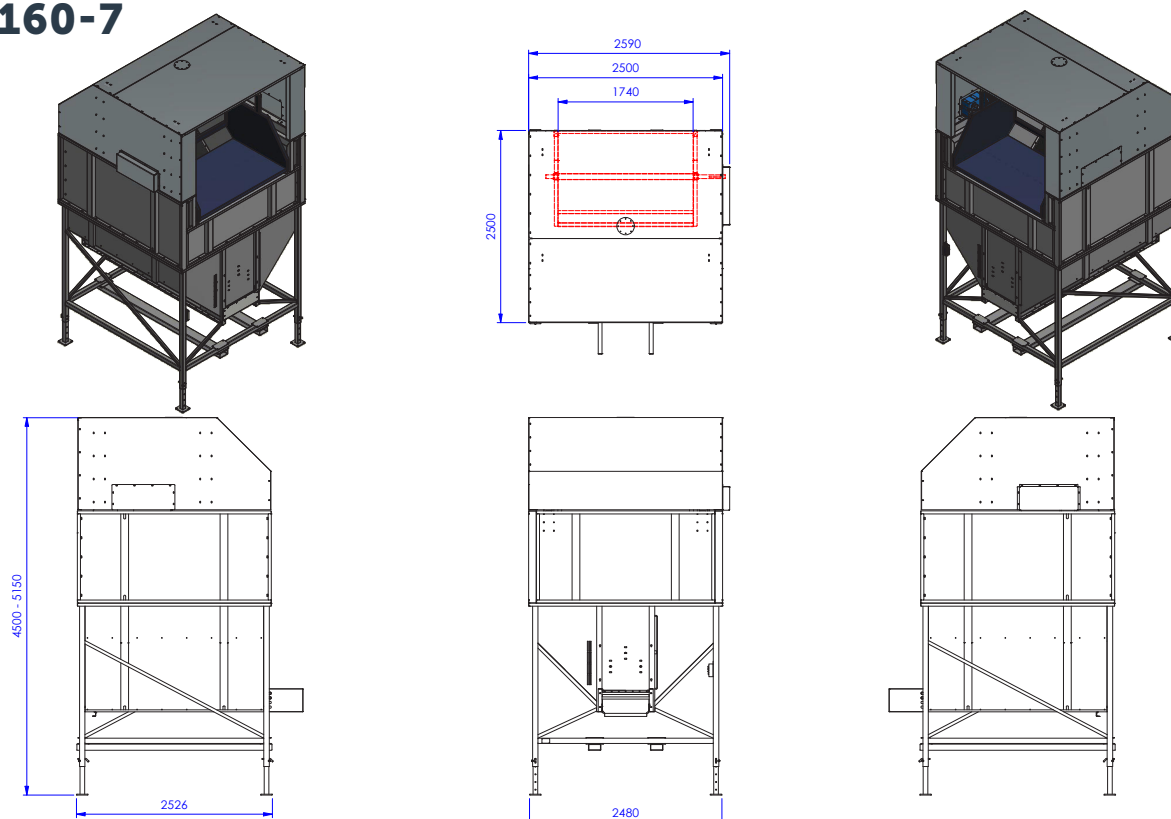
## SHB 160-3









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

	Project: <b>Storage hopper</b> Description: <b>SHB 160-3</b> Surface: Engineer: S.Jaan Date: 21-09-2020	General tolerances: ISO 20748 Scale: 1 : 45 Sheet size: A3 Unit: mm	Fit system: ISO 284 Geometrical tolerancing: ISO 1101 <b>00003542</b> Sheet: 1 of 2	Revision: <b>00</b>
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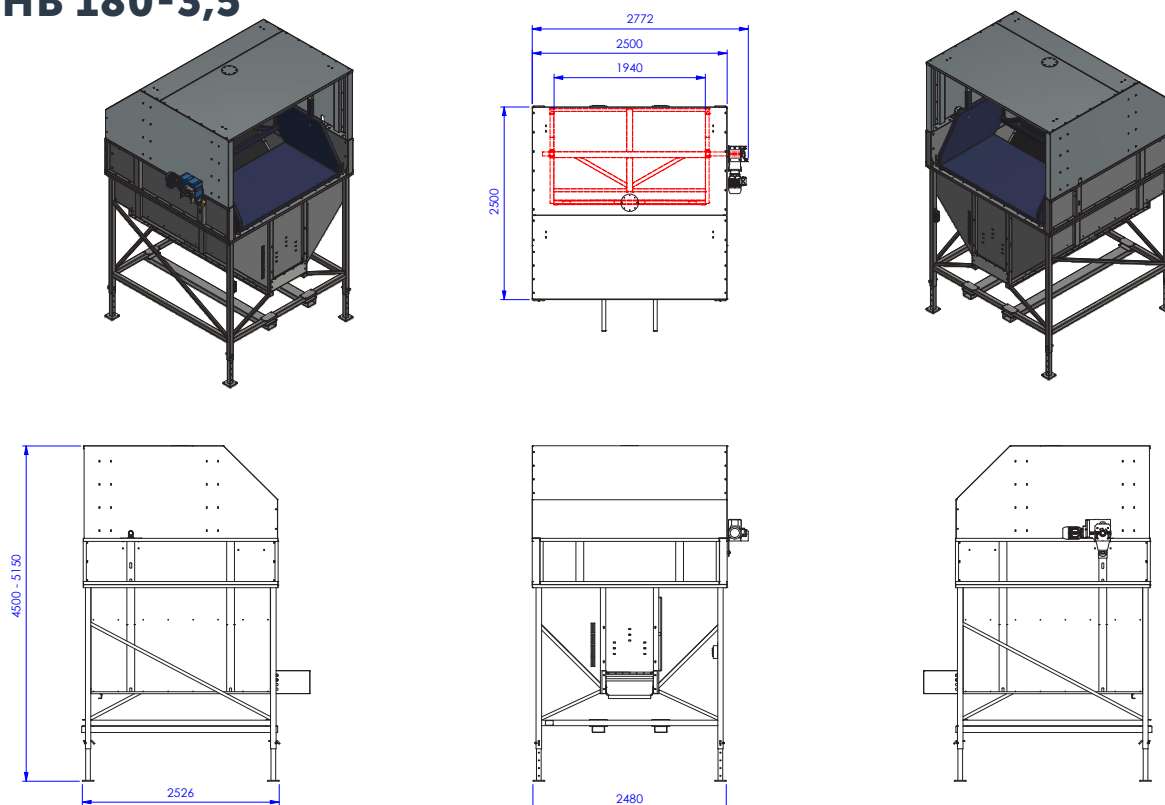
## SHB 160-7







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

Total principle: ISO 8015		General tolerances: ISO 20748		Fit system: ISO 286		Geometrical tolerancing: ISO 1101	
		Project: <b>Storage hopper</b>					
		Description: <b>SHB 160-7</b>					
		Surface:					
		Engineer: S.Jaan		Scale: 1 : 45		Revision: 00	
		Date: 22-09-2020		Sheet size: A3		Sheet 1 of 2	
		Unit: mm		00003540			

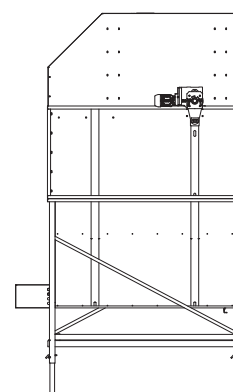
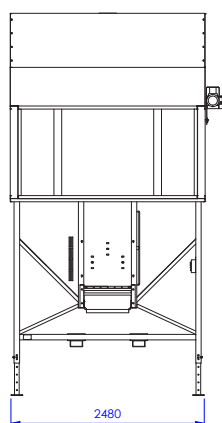
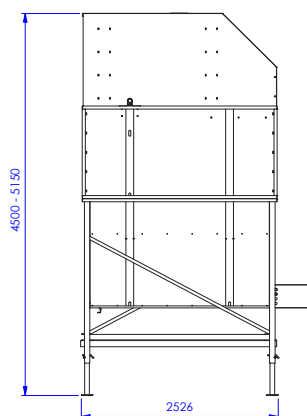
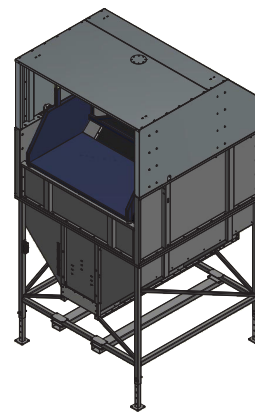
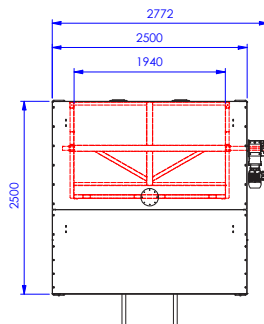
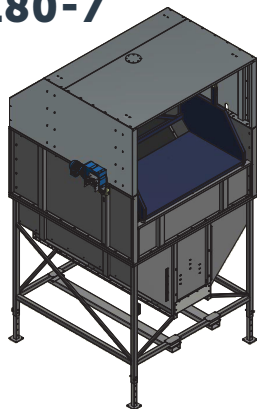
## SHB 180-3,5





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

Total principle: ISO 8015		General tolerances: ISO 20748		Fit system: ISO 286		Geometrical tolerancing: ISO 1101	
		Project: <b>Storage hopper</b>					
		Description: <b>SHB 180-3.5</b>					
		Surface:					
		Engineer: HWS		Scale: 1 : 45		Revision:	
		Date: 21-09-2020		Sheet size: A3		00065376	
						00	

## SHB 180-7



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

1st principle: ISO 8015		General tolerances: ISO 20768		Fit system: ISO 286		Geometrical tolerancing: ISO 1101	
		Project: <b>Storage hopper</b>					
		Description: <b>SHB 180-7</b>					
		Surface:					
		Engineer: S.Jaan	Scale: 1 : 45	<b>00003539</b>		Revision:	
www.allround.nl		Date: 21-09-2020	Sheet size: A3	Unit: mm		02	
				Sheet: 1 of 2			