

## BOX TIPPER ZC

This box tipper is designed to tip filled boxes of cabbage onto a transport conveyor. It is usually installed in front of a cabbage processing line.



### General description

This box tipper is designed for cabbage. The box tipper is used to tip boxes. After the box is placed, the box tilts to the upper position. While the box is going up, the box is emptying onto a transport conveyor. A sensor will be installed to detect and control the produce output. This sensor sends a signal to start or stop the rotation of the box. The box tipper is available in mild painted and stainless steel.

A sensor will be installed to detect and control the produce output. This sensor sends a signal to start or stop the rotation of the box.

This box tipper is designed to minimize the drop height of the product. This is done by rotating the box to angle of 140° on a transport conveyor, which will gently feed the next position.

On demand, the box tipper can be provided with safety fences, sirens & warning lights to enhance safety.

On demand, the machine can be controlled remotely using a wireless remote control.

All dimensions in cm

		ZC 160
A	Rotation angle (max in deg)	140°
B	Width of the box (min - max)	100 - 160
C	Height of the box (min - max)	125
D	Depth of the box (min - max)	80 - 120
E	Weight of the box (max in kg)	2500

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 one model available for 1600 mm wide boxes
- ✓ Especially designed for cabbage to minimize the drop height
- ✓ A heavy-duty cylinder is used so that it can handle heavy load requirements
- ✓ Durable and robust construction to handle heavy loads & forklift impacts
- ✓ Tipping rotation to 140° ensures complete discharge of produce
- ✓ The maximum weight of the box is 2500 kg
- ✓ On demand, a subframe can be made to overcome a height difference
- ✓ On demand, a wireless remote control can be provided
- ✓ On demand, safety fences, a siren & warning lights can be provided to enhance safety

## Options:

### ■ Material and treatment (frame)

Painted mild steel	Frame and plating is made from painted mild steel. The bearings and drive/idle rollers are from mild steel.
Hot dipped galvanized	Frame is made from hot dipped galvanized steel. The bearings and drive/idle rollers are from mild steel. The plating is from stainless steel.

### ■ Electrical control

Stand-alone	Motors, necessary sensors, switch box and control box.
-------------	--

### ■ 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.

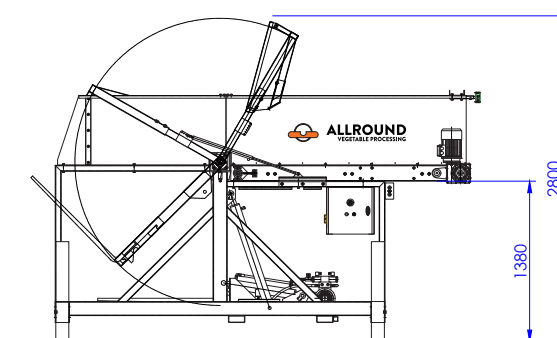
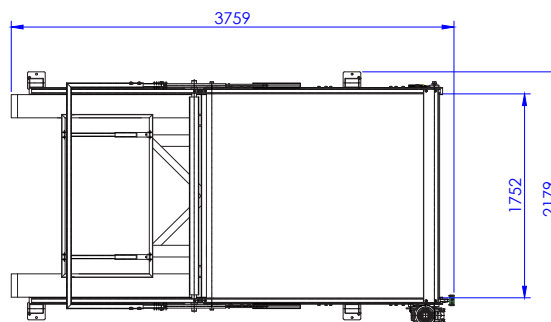
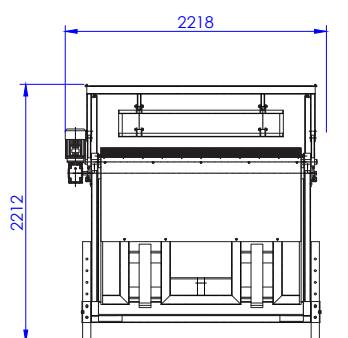
### ■ Wireless remote control

Wireless	A wireless remote control is included. The machine can be controlled from a distance.
----------	---


### ■ Safety fence

Fence	Safety fences with a sensor are included. The sensor detects if someone walks between the fences and will stop the functioning of the machine
-------	---

## ZC 160



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

Pos	Qty	Description:	Material:	Dimension:	Note:
 <b>ALLROUND</b> VEGETABLE PROCESSING					
		Box tipper ZC-160			
		Engineer: DK	Project: Standard	Product: PRODUCT	
		Checked by:	Drawing Nr: 01	Capacity: -	
		Scale: 1:20 A3	Date: 07-2021	Box Size: -	