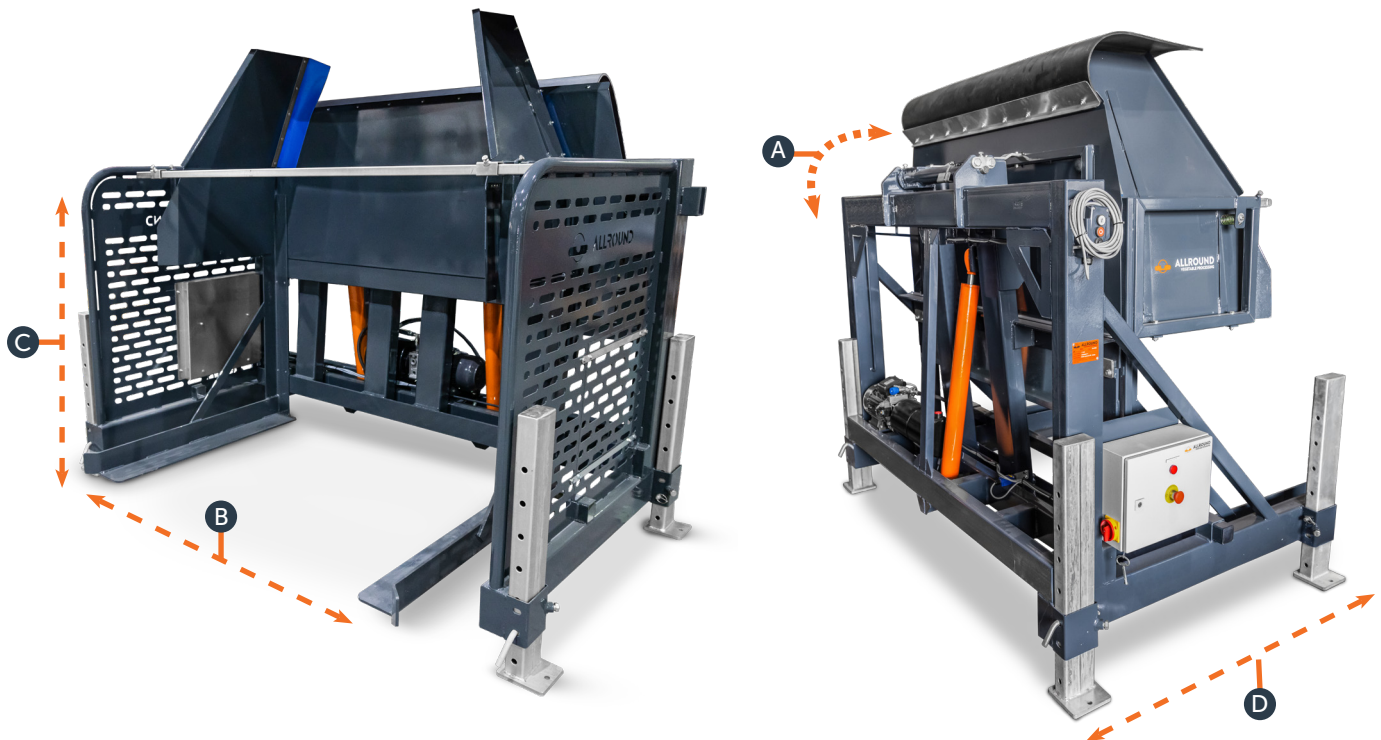


BOX TIPPER Z

This box tipper is designed to empty filled boxes into either a wet/dry hopper or a transport conveyor, depending on the design of your line.



General description

This box tipper is designed to empty filled boxes into a wet/dry hopper or transport conveyor, depending on the design of your line. On demand, a wireless remote control can be included. With this option, the machine can be controlled from a distance.

A box with produce is loaded into the box tipper by a forklift. After pressing the start button, the tipping motion begins. The box rotates to an angle of 140°, so all produce is dumped into the next position. The empty box will automatically return to the default position. The cycle can be stopped at any time.

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

All dimensions in cm

	Z 160	Z 180
A	Rotation angle (max in deg)	140°
B	Width of the box (min - max)	100 - 160
C	Height of the box (min - max)	90-140
D	Depth of the box (min - max)	80-120
E	Weight of the box (max in kg)	12580

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 mm wide boxes
- ✓ 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 either 1250 or 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, a shake function can be included to take out the last produce left in the box
- ✓ 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.
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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.

■ Wireless remote control

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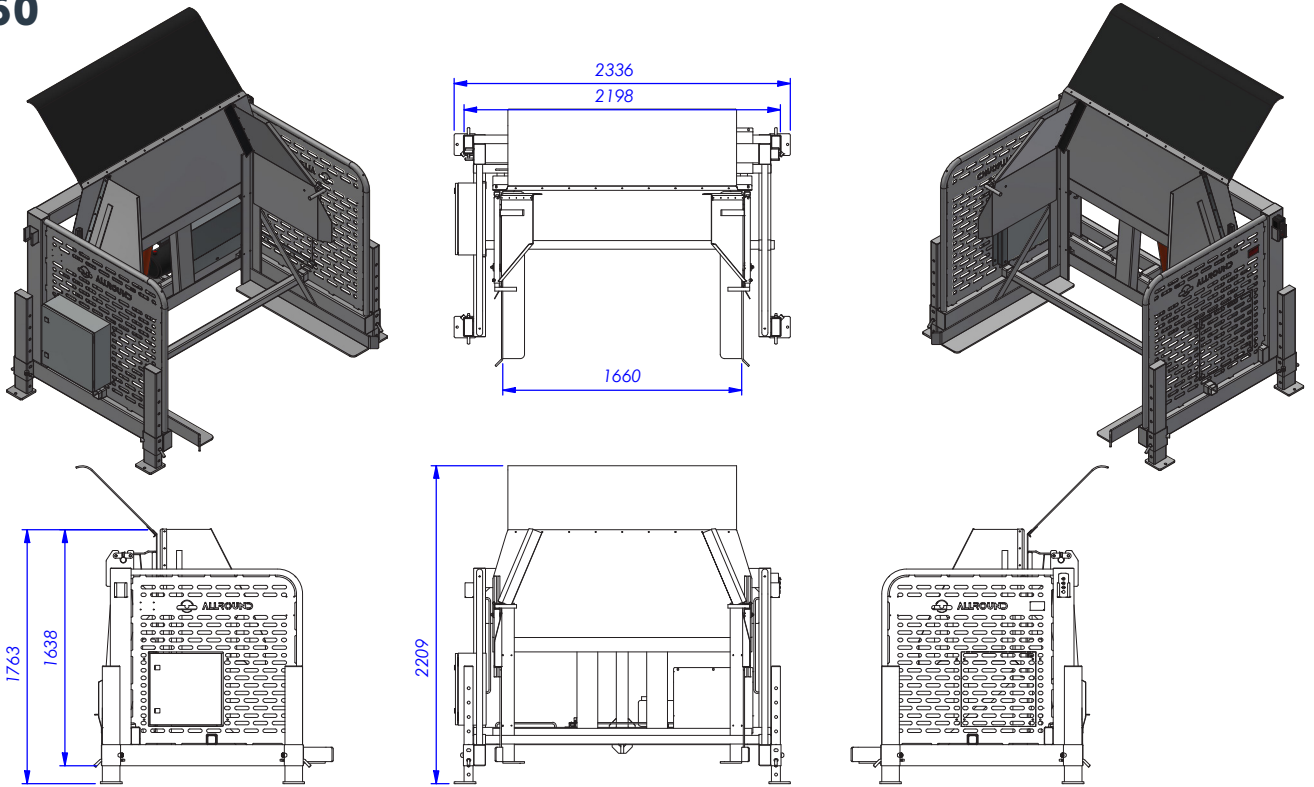
■ Emptying function

Shake function	The box can be shaken to try take out the last product left in the box.
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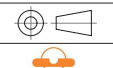

■ Dosing function

Dosing sensor	A dosing sensor detects when the produce piles up on the belt and when the box needs to be stopped or lifted.
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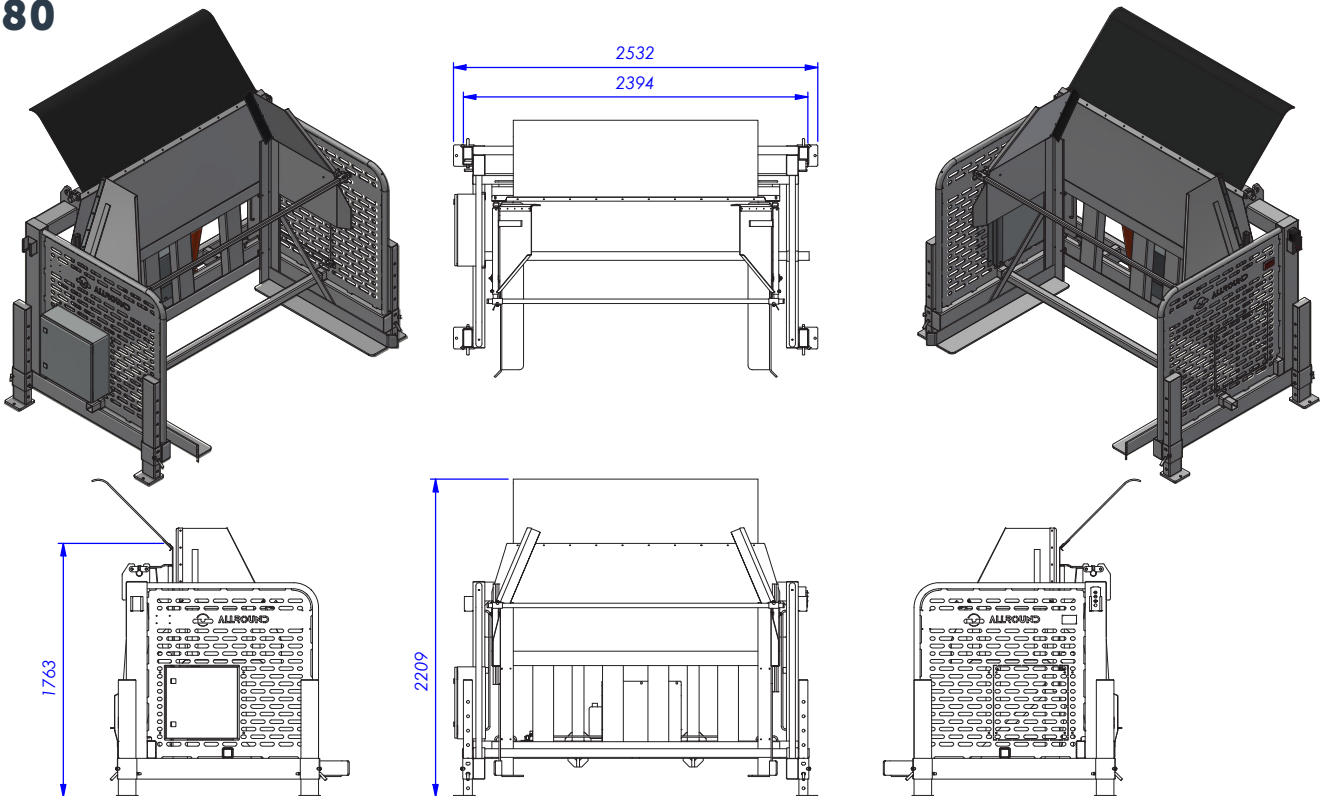
Z 160



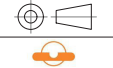

*For discussion only!
 The dimensions are approximately.
 We are free to resize and change the machines,
 when we deem it necessary.*

Tol principle: ISO 8015		General tolerances: ISO 20768		Fit system: ISO 286		Geometrical tolerancing: ISO 1101	
		Project: Box tipper - -					
		Description: Z 160					
		Surface: - - -		Scale: 1 : 35		Revision: 02	
		Engineer: Parvinder		Date: 15-04-2024		Sheet size: A4	
		Unit: mm		00075226		Sheet: 1 of 2	

Z 180



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

Tol principle: ISO 8015		General tolerances: ISO 20768		Fit system: ISO 286		Geometrical tolerancing: ISO 1101	
		Project: Box tipper - -					
		Description: Z 180					
		Surface: - - -		Scale: 1 : 35		Revision: 02	
		Engineer: Parvinder		Date: 12-04-2024		Sheet size: A4	
		Unit: mm		00090971		Sheet: 1 of 2	