

ROLLER DRYER DR

The roller dryer is designed for drying produce. The produce moves over felt rollers, which absorb water.



General description

The Allround roller dryer is designed to dry produce after washing. This is done by felt rollers. These felt rollers absorb water that comes with the produce after washing. In their turn, these felt rollers are wringed out by stainless steel rollers. The machine is equipped with stainless steel plates to ensure the durability of the machine.

All dimensions in cm

		DR 90	DR 110	DR 130	DR 150	DR 180
A	Width of the roller	90	110	130	150	180
B	Amount of rollers	10,15,20	10,15,20	10,15,20	10,15,20	10,15,20
C	Diameter of the rollers (in mm)	Ø 121	Ø 121	Ø 121	Ø 121	Ø 121

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

- ✓ The frame is made from stainless steel AISI304. The bearings and shaft are from mild steel
- ✓ On demand, the electrical panel can be made from stainless steel AISI304 or a painted mild steel
- ✓ On demand, an overhead bypass system can be added
- ✓ The water gutter is made from stainless steel AISI304. The flange connection is DN100
- ✓ On demand, the The electrical panel is made from painted mild steel emptying system can be integrated with roller dryer to get the last produce off the rollers
- ✓ On demand, bearings can be provided automatically inside the roller dryer
- ✓ On demand, the subframe can be made from painted mild steel, stainless steel AISI304, or galvanized steel

Options:

■ Material and treatment (frame)

Stainless steel Frame is made from stainless steel AISI304. The bearings and drive/idle rollers are from mild steel

■ Rollers

Felt (Part of) the rollers are made from stainless steel AISI304 covered with felt

Gummy (Part of) the rollers are gummy rollers, to protect the roller from wear

Brush hardness(Part of) the rollers are provided with brushes, the brushes have a hardness of 0,2 mm (black), 0,25 mm (yellow), 0,3 mm (red), 0,35 mm (grey), 0,4 mm (green), 0,45 mm (blue), 0,7 mm (black) or 1,2 mm (white)

■ 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

■ Frequency inverter

Speed adjustment A frequency inverter is used to control the speed

■ 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

■ Material and treatment (subframe)*

Stainless steel The electrical panel is made from stainless steel AISI304

Painted mild steel The electrical panel is made from painted mild steel

Galvanized steel It is made from galvanized steel

Options:

 ■ **Height of subframe***

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

Water gutter	The water gutter is made from stainless steel AISI304
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 ■ **Emptying system***

Automatic	The emptying system is made from stainless steel AISI304 and is used to get the last potatoes off the rollers
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 ■ **Waste collection – aisle***

Aisle	In the middle of the belt an aisle is included. There is a separate passage in the outfeed chute
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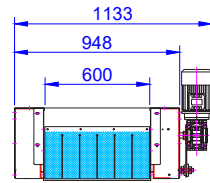
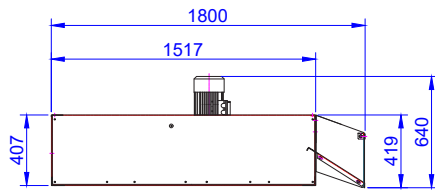
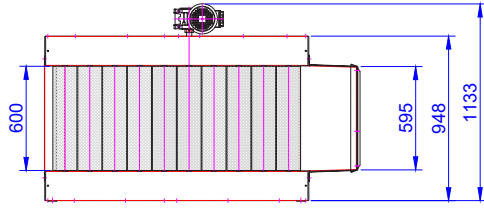
 ■ **Bearing greasing**

Manual	The bearings can be greased manually
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Automatic	The bearings are greased automatically
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DR 60-10

THIS SKETCH IS ONLY FOR DISCUSSION!
FINAL LAYOUT FOR APPROVEMENT WILL BE
SEND AFTER ORDER

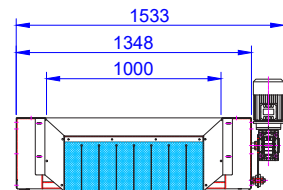
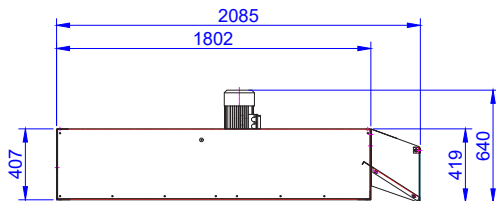
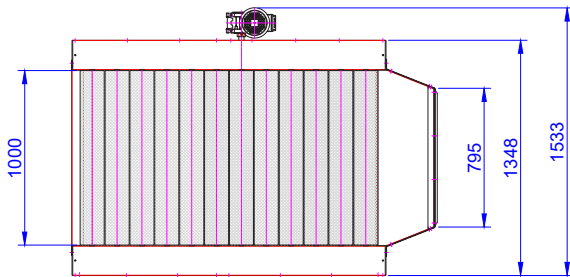


For discussion only!
The dimensions are approximately.
We are free to resize and change the machines,
When we deem it necessary.


Pos	Qty	Description:	Material:	Dimension:	Note:
		 ALLROUND VEGETABLE PROCESSING			
		Dryer 60-10			
		Engineer: DK	Project: Standard	Product: PRODUCT	
		Checked by: SR	Drawing Nr: 01	Capacity: -	
		Scale: 1:20 A3	Date: 07-2021	Box Size: -	

DR 100-12

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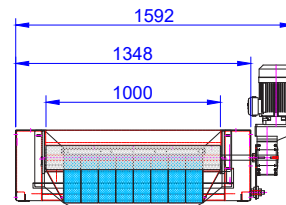
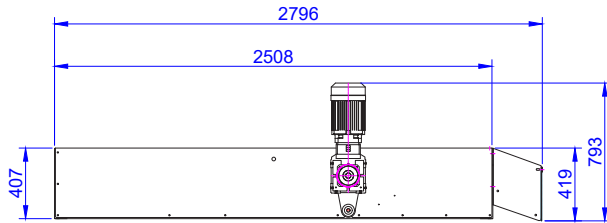
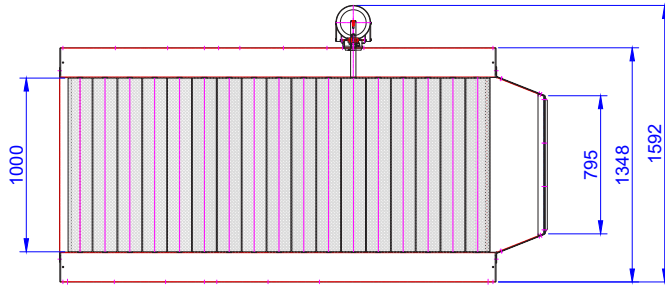


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Pos	Qty	Description:	Material:	Dimension:	Note:
		 ALLROUND VEGETABLE PROCESSING			
		Dryer 100-12			
		Engineer: DK	Project: Standard	Product: PRODUCT	
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DR 100-17

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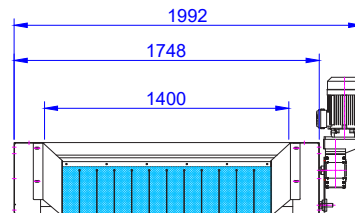
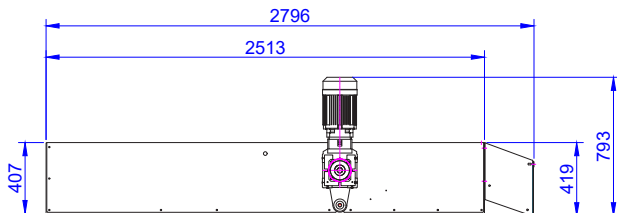
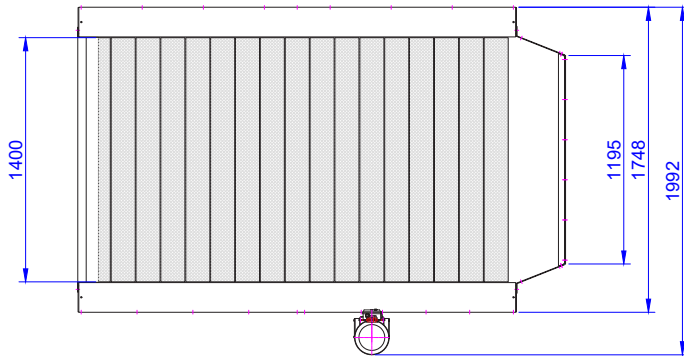


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Pos	Qty	Description:	Material:	Dimension:	Note:
		ALLROUND VEGETABLE PROCESSING			
		Dryer 100-17			
		Engineer: DK	Project: Standard	Product: PRODUCT	
		Checked by: SR	Drawing Nr: 01	Capacity: -	
		Scale: 1:20 A3	Date: 07-2021	Box Size: -	

DR 140-17

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Pos	Qty	Description:	Material:	Dimension:	Note:
		ALLROUND VEGETABLE PROCESSING			
		Dryer 140-17			
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