

DESTONER CD

Allround Vegetable Processing cyclone destoner is designed to remove stones and dirt from the produce, using different densities of principal.



General description

Allround Vegetable Processing cyclone destoner is designed to remove stones and dirt from the produce, using different densities of principal.

Produce and stones are fed into a moving well of water in the cyclone destoner cone. The produce floats and is carried along with a rotating current of water, stone, and dirt sink to a stone conveyor at the bottom of the cone. The standard destoner has a stainless steel frame, but the bearing and drive/idle rollers are made of mild steel.

The stone conveyor of the destoner is made of rubber. The cleats of the stone conveyor are "V" shaped with 60 mm height.

The machine comes in automatic water management where valves and level meter control the pumps and water inlet/drains.

If required, the destoner can be on a subframe to accommodate height difference. The subframe can be made from painted mild steel, stainless steel, and galvanized steel. The height of the subframe can vary from 0-3 meters.

All dimensions in cm

	CD 150	CD 200	CD 250
A Diameter of the machine	150	200	250

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 150, 200 & 250 cm diameter
- ✓ Gentle handling of produce
- ✓ Provide produce Pre-soak
- ✓ 60 mm cleat height rubber stone conveyor
- ✓ Stainless steel AISI304 frame construction
- ✓ Water management is automatic with valves, level meter, and pumps

Options:

■ Material and treatment (frame)

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

■ Material and treatment (stone conveyor)

Rubber The stone conveyor is made from rubber
 The cleats height is 60 mm
 The cleats are v-shaped

■ 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

■ Destoning pump

Destoning pump A pump is included for the destoning effect. Pipe connections are not included

■ Flow pump

Flow pump A pump is included to create flow. Pipe connections are not included

■ 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. 1 or 2 pump is necessary but not included



Options:

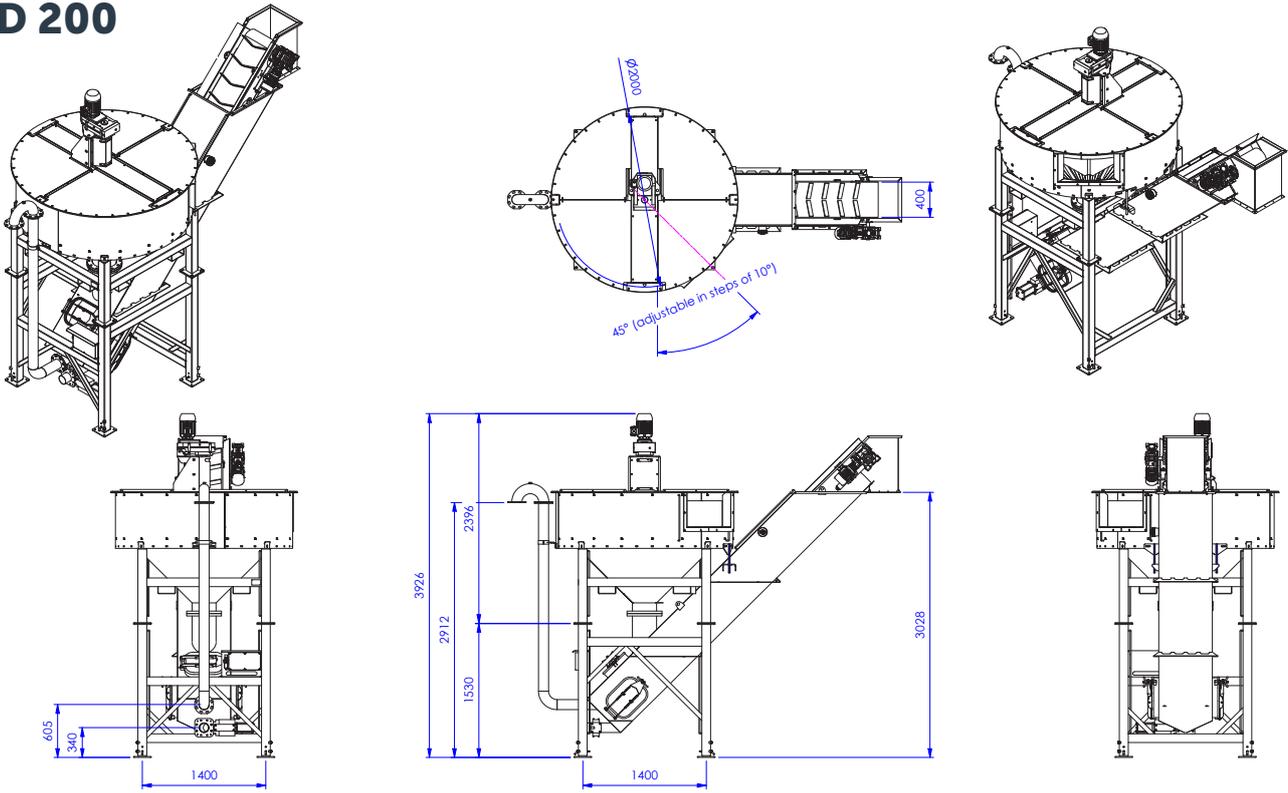
■ **Material and treatment (subframe)**

Painted mild steel	It is made from painted mild steel
Stainless steel	It is made from stainless steel AISI304
Galvanized steel	It is made from galvanized steel

■ **Height of subframe**

Height of subframe	0 to 3 meter
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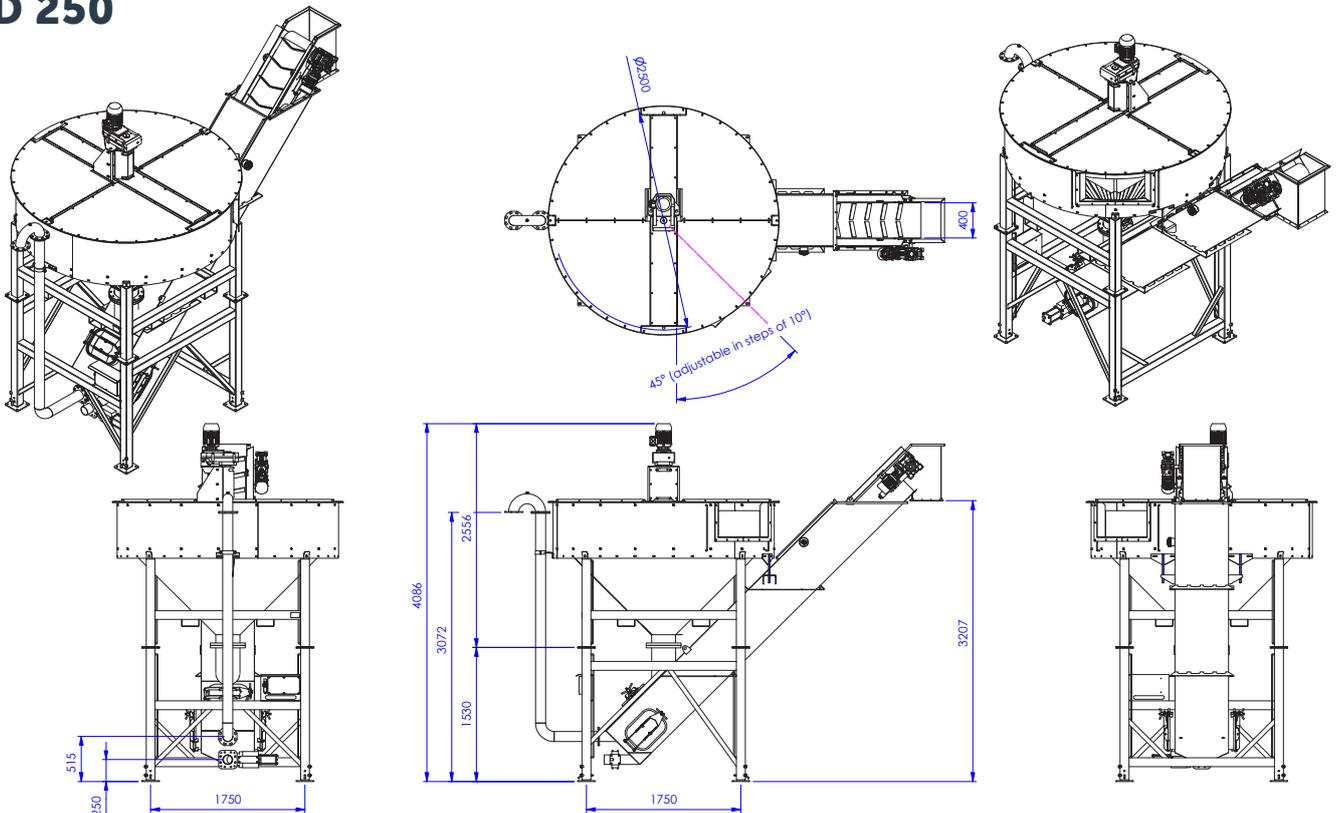
CD 200



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 20768		Fit system: ISO 286		Geometrical tolerancing: ISO 1101	
Project: Destoner		Description: CD 200					
Surface:		Scale: 1 : 40		Revision: 01		Date: 18-11-2024	
Engineer: SRPL		Sheet size: A3		Unit: mm		Sheet: 1 of 4	
Date: 18-11-2024		Unit: mm		Sheet: 1 of 4		Revision: 01	

CD 250



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 20768		Fit system: ISO 286		Geometrical tolerancing: ISO 1101	
Project: Destoner		Description: CD 250					
Surface:		Scale: 1 : 40		Revision: 00		Date: 03-04-2024	
Engineer: SRPL		Sheet size: A3		Unit: mm		Sheet: 1 of 4	
Date: 03-04-2024		Unit: mm		Sheet: 1 of 4		Revision: 00	