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)

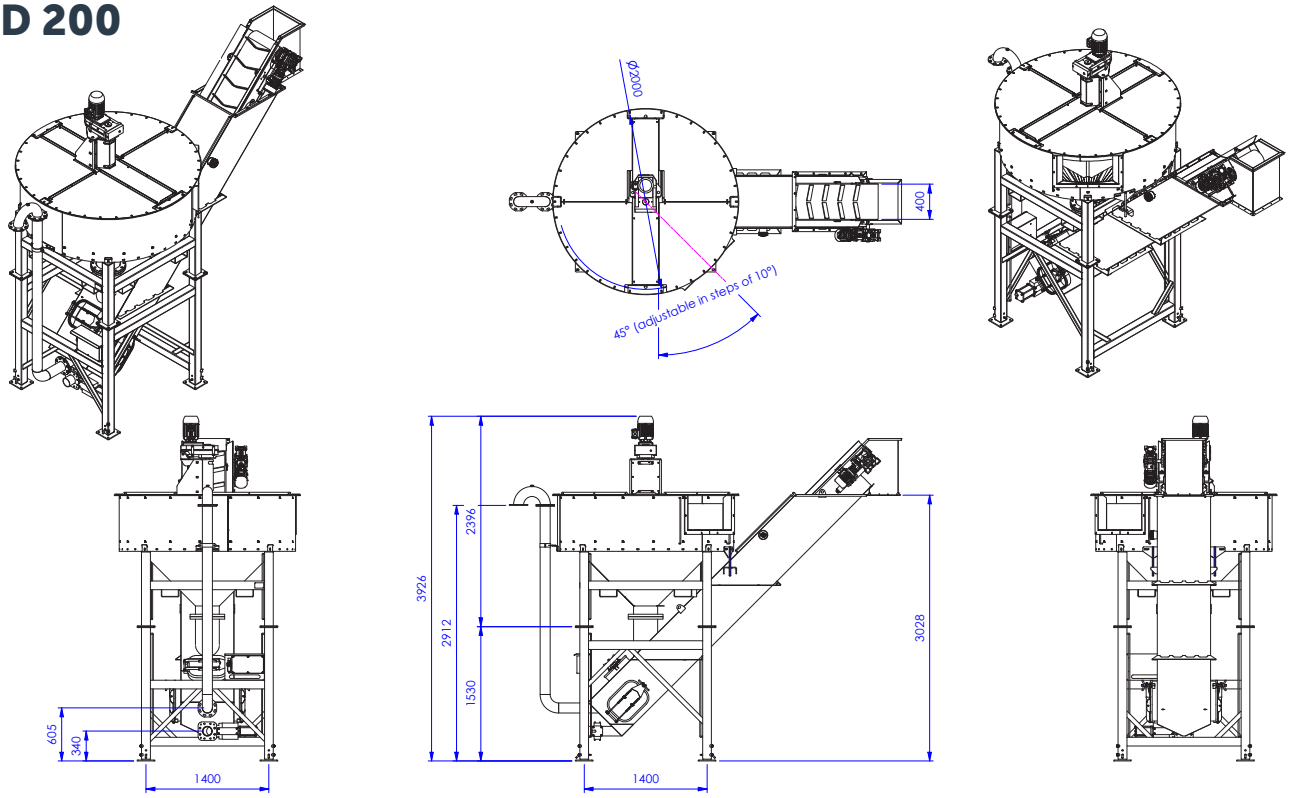
Painted mild steel	It is made from painted mild steel
Stainless steel	It is made from stainless steel AISI304
Galvanized steel	It is made from galvanized steel

- Height of subframe

Height of subframe	0 to 3 meter

ALLROUND
VEGETABLE PROCESSING

CD 200

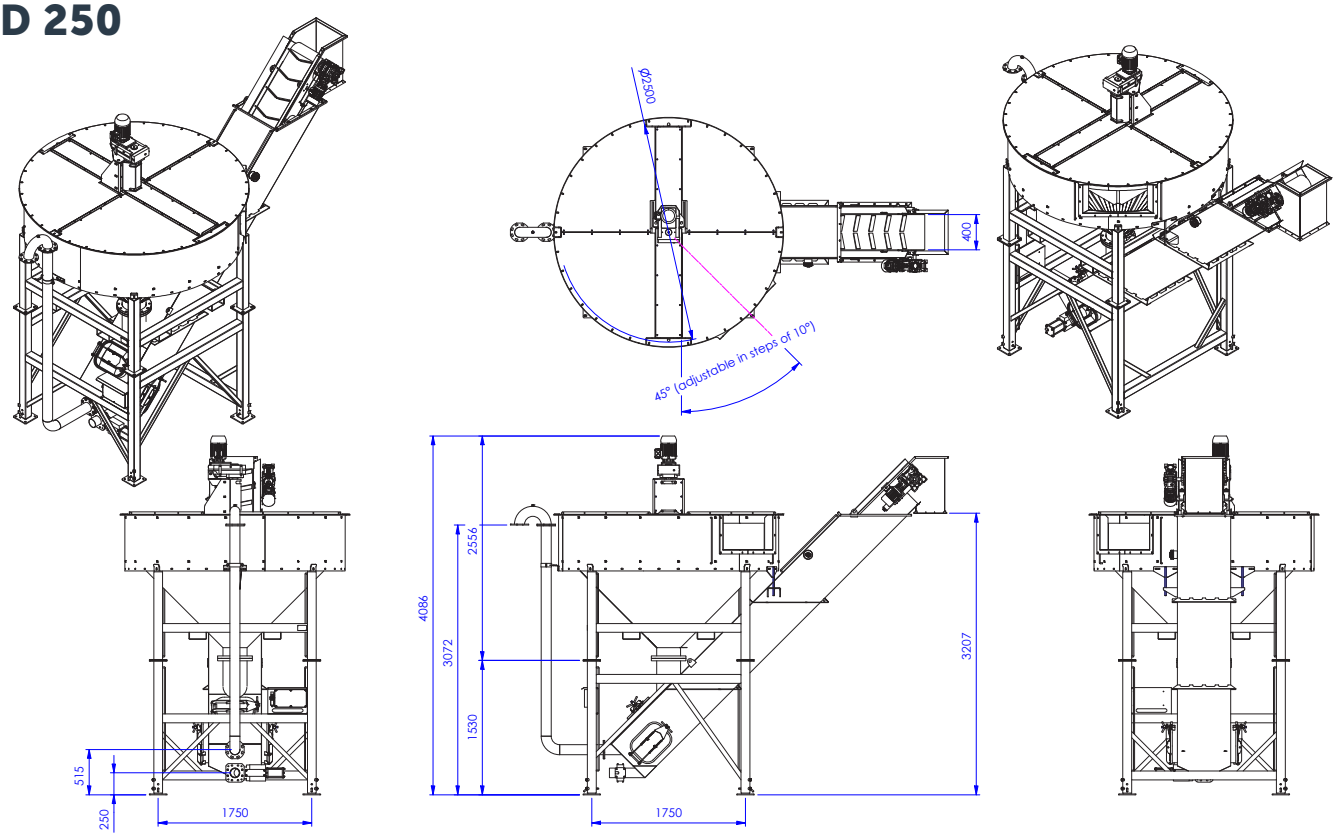


For discussion only!
The dimensions are approximately.
We are free to resize and change the machines, when we deem it necessary.

Tol principle: ISO 8015	General tolerances: ISO 20768	Fit system: ISO 286	Geometrical tolerancing: ISO 1101
Project: Destoner			
Description: CD 200			
Surface: - - -			
Engineer: SRPL	Scale: 1 : 40	00234168	Revision: 01
Date: 18-11-2024	Sheet size: A3		
	Unit: mm	Sheet: 1 of 4	

ALLROUND VEGETABLE PROCESSING

CD 250



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: Destoner - -			
Description: CD 250			
Surface: - - -			
Engineer: SRPL	Scale: 1 : 40	00299373	Revision: 00
Date: 03-04-2024	Sheet size: A3		
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