

Centrifugal sieve belt drive

The SiccaDania centrifugal extraction sieves are designed to generate the maximum possible starch yield. The starch is extracted by centrifugal sieving. The pulp is placed on the rotating sieve which allows starch to pass but not fibers. During the sieving process, water is added to wash the maximum amount of starch out of the pulp.

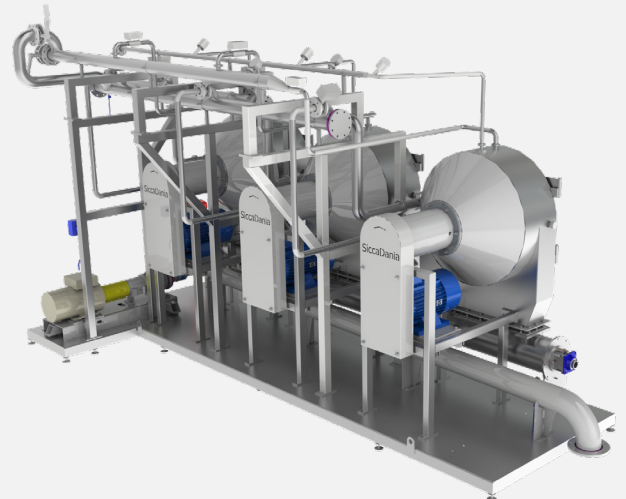
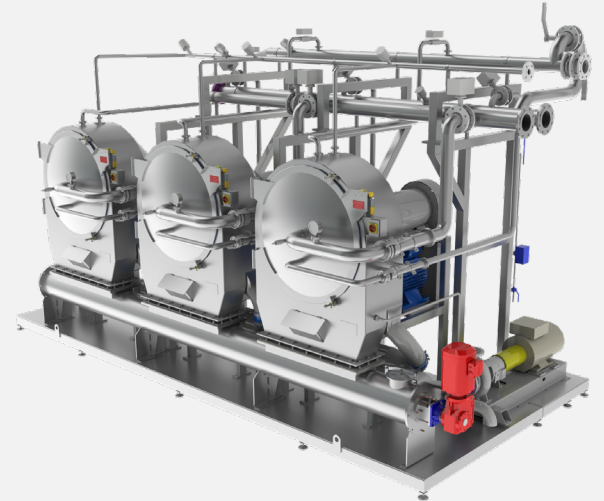
The belt driven centrifugal sieve (HSC) is a more compact sieve. The design is optimised to fit into small spaces without compromising the starch quality.

Optimal tailor made design

- Multistage capacity flexibility
- Serial and parallel set-up
- High capacities
- Full robust stainless steel construction
- Skid mounted
- Sustainable & long durability
- Easy installation and operation
- Sanitary & stable sieve foundation
- Full CIP design
- Automated cleaning by built-in spray nozzles

Counter current starch extraction

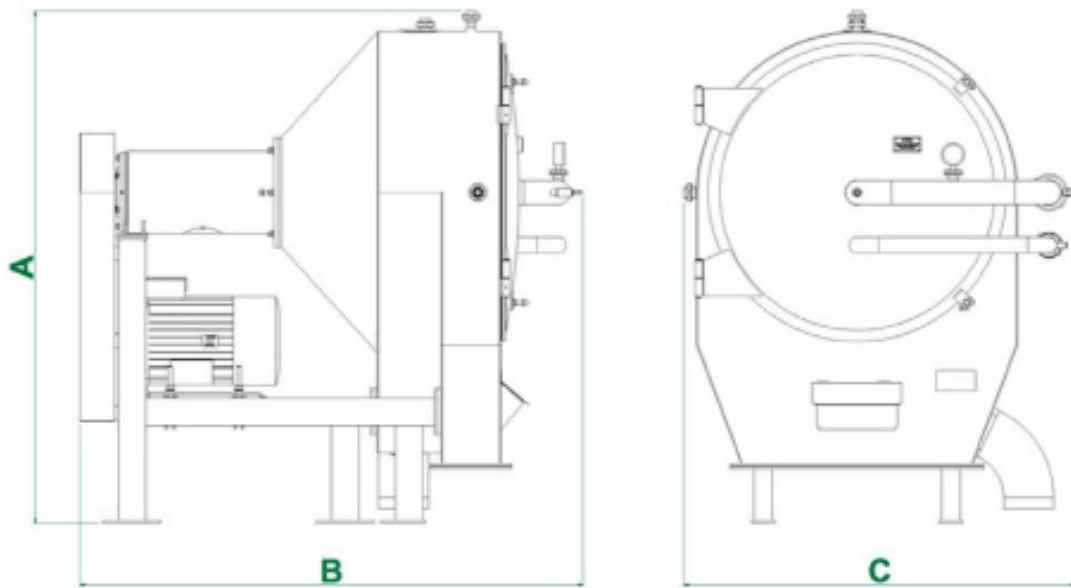
- Excellent starch quality
- Highest extraction efficiency
- No free starch loss



Conical sieve baskets

- Self-supporting on bearing
- Minimum vibration
- Easily removable at front
- Highest sieve membrane quality
- Minimum fine fiber in starch milk
- Easiest operation

Technical data



Model	HSC 850*	HSC 1000*
A (mm)	2070	2230
B (mm)	1980	2200
C (mm)	1510	1710

	HSC 850*	HSC 1000*
Net load(kg)	1200	1500
Dynamic load (kg)	1820	2275
Gross load (kg)	1400	1750
Capacity potatoes (t/h)	30	40
Capacity roots (t/h)	19	25

* Indicates inlet diameter of cyclone

Spare parts

Bearing



Door seal



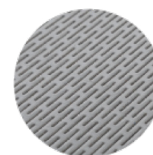
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Nozzles



Centrifugal Sieve Plate



V-Belt



Centrifugal sieve coupling drive

The SiccaDania centrifugal extraction sieves are designed to generate the maximum possible starch yield. The pulp is placed on the rotating sieve which allows starch to pass but not fibers. During the sieving process, water is added to wash the maximum amount of starch out of the pulp.

With the needed frequency converter, the centrifugal sieve allows for flexible rotation speeds which in return could optimise the local process demands. The coupling drive is a more energy efficient centrifugal sieve.

Optimal tailor made design

- Multistage capacity flexibility
- Serial and parallel set-up
- High capacities
- Less maintenance
- Low power consumption
- Full robust stainless steel construction
- Skid mounted
- Sustainable & long durability
- Easy installation and operation
- Sanitary & stable sieve foundation
- Full CIP design
- Automated cleaning by built-in spray nozzles

Counter current starch extraction

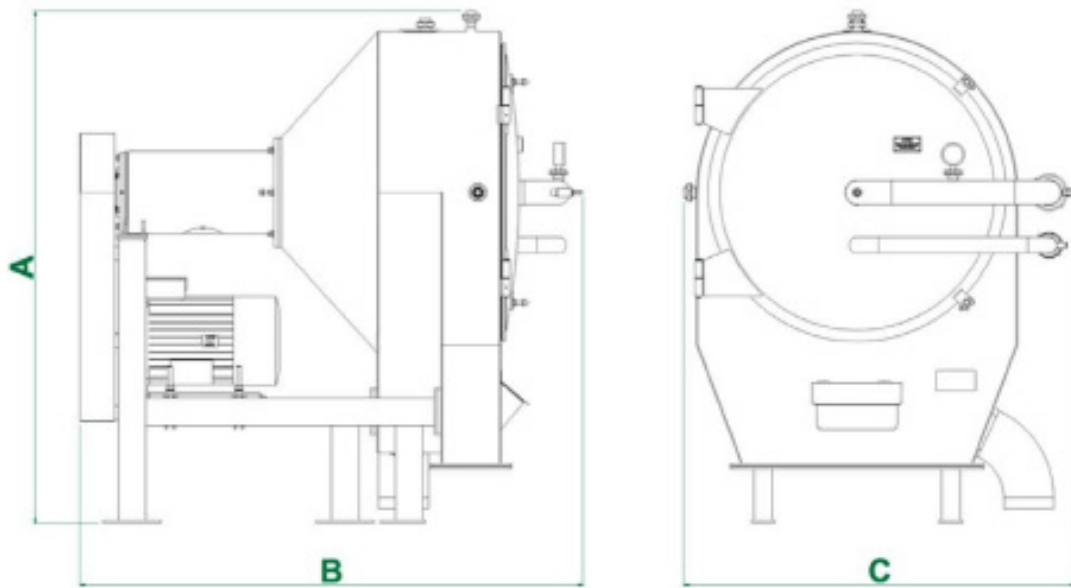
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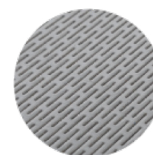
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Nozzles



Centrifugal Sieve Plate



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