



Cellwood Machinery
FOR BETTER PULP AND PAPER

Grubbens Reject Separator



Recycling solutions for paper and organic waste.

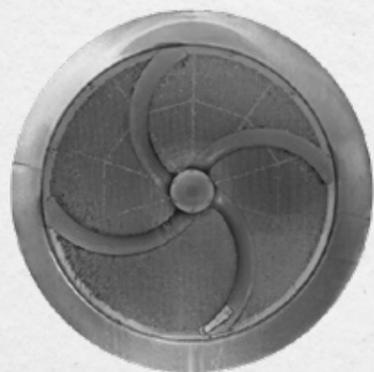
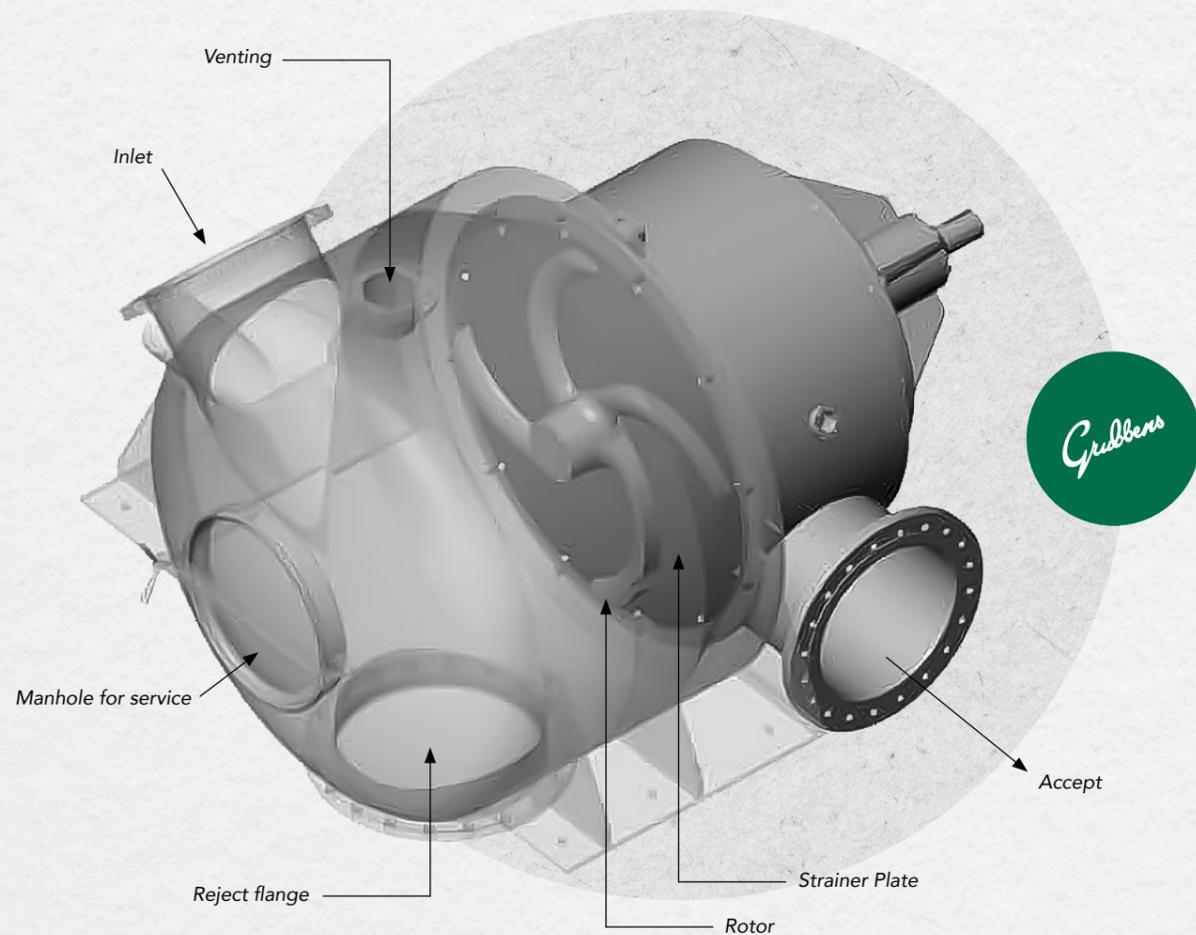
Description

Grubbens Reject Separator

The Grubbens Reject Separator is used in the stock preparation when emptying LC, MC and HC pulpers. GRS can be installed in new lines as well as in rebuilds and improvements of old ones. As the inlet is tangentially located it allows for a

manhole in the front of the unit, it also minimizes the wear on the rotor and strainer plate.

GRS is simple to use in the process and gives a clean and functional handling of rejects. It is also easy to maintain.

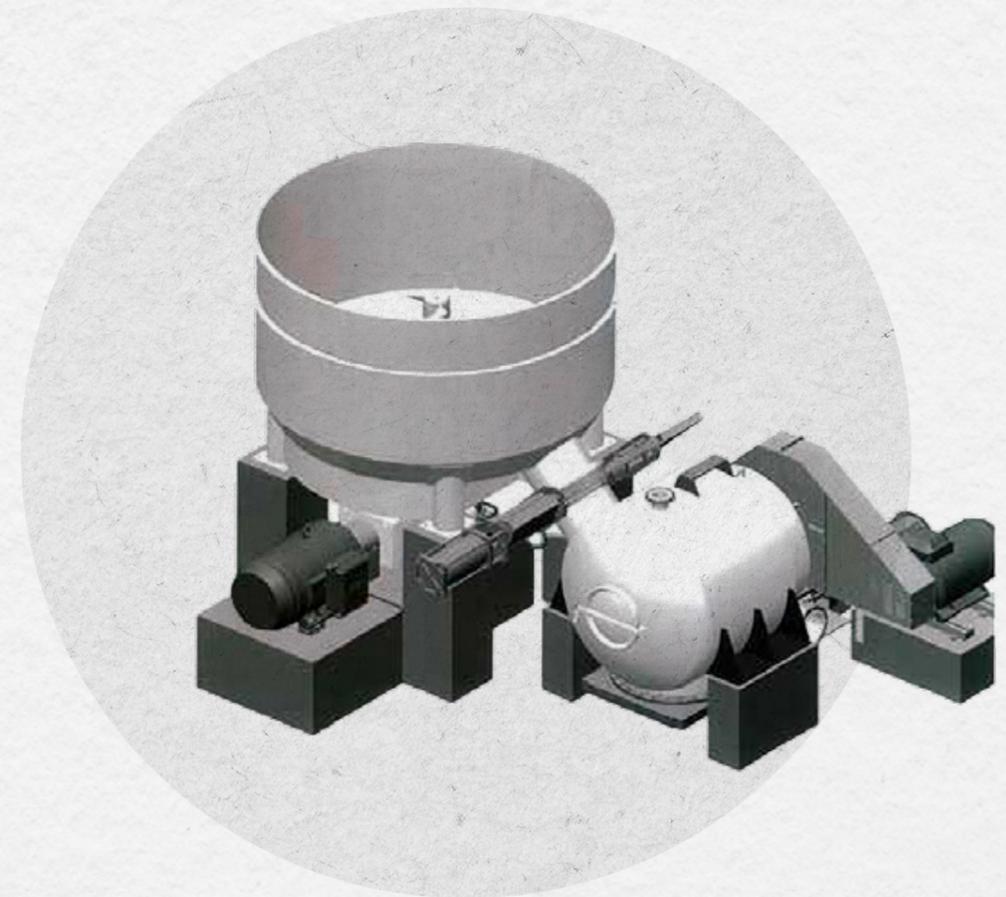


Advantages:

- ⊞ Tangential Inlet
- ⊞ Low fiber losses
- ⊞ Washing of rejects
- ⊞ Simple adjustment of rotor clearance
- ⊞ Large reject valve
- ⊞ Replaceable rotor wear bars
- ⊞ Improved pulp quality

The reject separator is equipped with a strainer plate and during normal operation the complete pulper volume is emptied through this. The strainer plate has holes with a diameter as small as 4 mm and up to 10 mm. During each

dump cycle the pulp accepts are separated from the rejects. The normal operating consistency is in the range 4–5%, this is also the final consistency in the following dump chest.



After each dump cycle, and intermediate wash cycle, the reject is washed clean from fibres. This will minimize the fiber losses in the system.

Intermediate wash cycles are needed if the batch contains higher than normal amounts of plastics and other rejects.

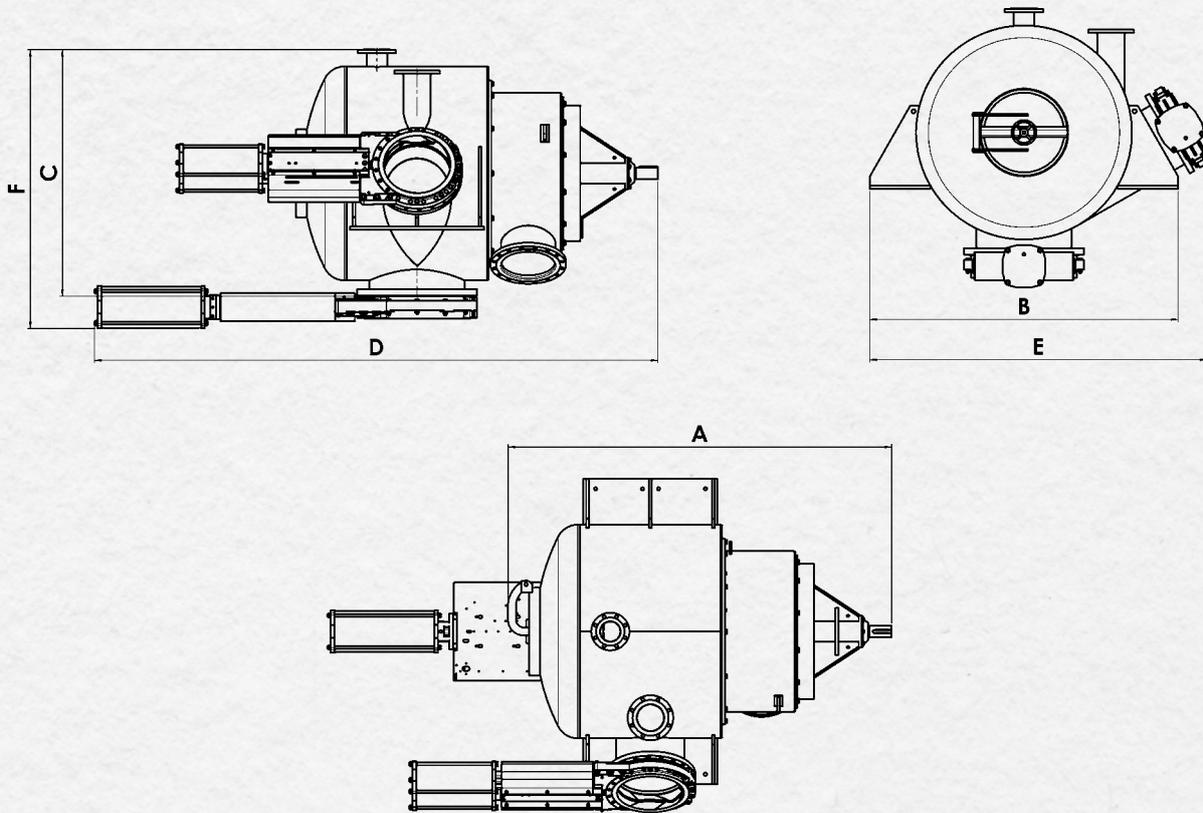
The emptying and intermediate washing cycles affects the overall batch time and capacity, therefore the size of the unit is optimized to get the best possible energy efficiency. During emptying some further disintegration of the pulp flakes are done.

Access through a large manhole facilitates maintenance. The reject handling after the separator can be manual or fully automated.



Technical data

Grubbens Reject Separator



Machine	Dimension A mm	Dimension B mm	Dimension C mm	Dimension D mm	Dimension E mm	Dimension F mm	Installed motor kW	Weight (kg)
GRS 1000	2 460	1 800	1 480	3 760	2 030	1 730	55 kW	1 550
GRS 2000	2 860	2 300	1 880	4 210	2 500	2 130	90 kW	2 100
GRS 3000	3 100	2 300	2 060	4 860	2 680	2 450	132 kW	2 700
GRS 3000/4000	3 360	2 300	2 430	4 950	2 660	2 430	132 kW	2 800
GRS 3000/5000	3 230	2 730	2 330	5 400	3 030	2 660	160 kW	3 050



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