

AhlCleaner RB600HD and RB300HD

Heavy debris removal at high consistency



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Heavy debris removal with minimum fiber loss

The AhlCleaner RB600HD and RB300HD are large-diameter cleaners designed to operate at stock consistencies of up to 4.5%. Heavy debris, such as sand, dirt, metal, glass, along with a high percentage of smaller impurities, can easily be removed with minimum amount of fiber loss by the utilization of a junk trap. These cleaners are used in recycled fiber lines for coarse particle removal and in bale pulp lines as protection before refiners and deflakers.

Operation

The AhlCleaner RB600HD and RB300HD junk trap can either be controlled through a fully automatic timed sequence or emptied manually through a push button station. The specially designed spool piece between the cleaner cone and the junk trap reduces wear of the junk trap gate valves. The junk trap itself is fitted with an elutriation water connection which by adjusting the flow ensures that usable fibers are separated from debris and therefore minimizes fiber losses.

Construction

The AhlCleaner RB600HD and RB300HD units are constructed from high-quality stainless steel. Dependent on the application and process conditions the cleaner type RB300HD can also be supplied entirely made of polyurethane material. For extreme highwear applications the inner surfaces of the stainless steel parts are supplied with ceramic lining inserts to prolong lifetime. The ceramic material, which is one of the hardest wear protection materials, offers a combination of superior wear resistance, mechanical strength and extreme heat resistance.

Benefits

- Durable plastic and ceramic cones
- Directions of feed and accept connections can be selected
- Minimum space requirements
- Easy to operate, maintain, and install
- Special designed spool piece for reduced wear on junk trap gate valve



RB300HD						RB600HD					
No. of cleaners (single stage)	1	2	3	4	5	No. of cleaners (single stage)	1	2	3	4	5
Height [mm]	3,080	3,080	3,080	3,080	3,080	Height [mm]	5,010	5,010	5,010	5,010	5,010
Width [mm]	1,400	1,400	1,400	1,400	1,400	Width [mm]	1,800	1,800	1,800	1,800	1,800
Length [mm]	870	1,570	2,100	2,800	3,500	Length [mm]	1,430	2,305	3,180	4,095	4,970

All data subject to change.

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