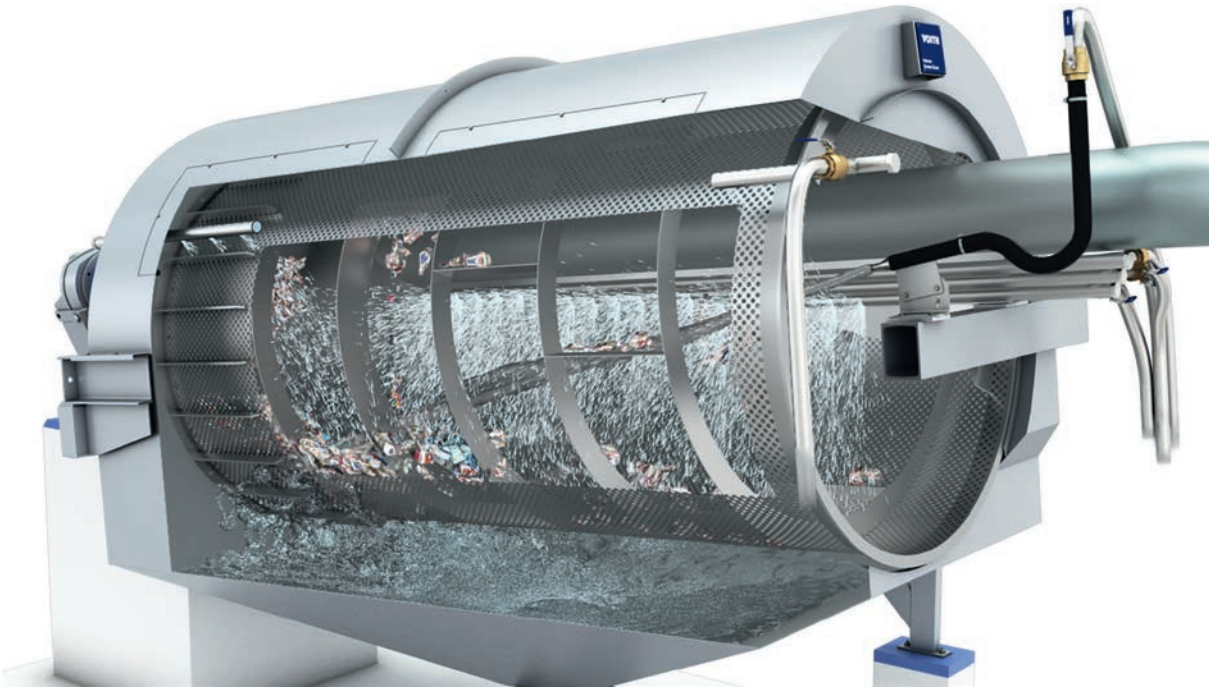
VOITH

Fiber saving drum screen
IntensaScreenDrum



Your benefits

+ Lowest possible fiber content in the reject
  – Highest level of washing efficiency due to internal 3D shower pipe
  – Flexible water jet points the water into the tumbling reject controlling retention time
  – Plug free external H2R shower pipe
+ Low maintenance direct drive

Minimizes fiber loss in the system

The final stage of the pulping system determines the fiber loss. Remaining fibers are washed off from the rejects by the IntensaScreenDrum fed from the IntensaMaXX detrashing machine. Fibers, flakes flow back to the IntensaPulper IP-R in the LC (Low Consistency) system or flow back to the IntensaMaXX inlet in the HC (High Consistency) system.

Highly efficient fiber washing process

Three innovative shower devices bring the water to the drum washing process. The 3D shower pipe water hits every fiber in the tumbling reject washing them off in highest efficiency. The H2R shower pipe keeps the drum holes clear from plugging. Only open drum holes enable the fibers to pass and being separated from the reject. The WaterJet positioned at the end of the IntensaScreenDrum controls the retention time of the reject. Fiber and flakes are kept in the drum, until they are washed out.

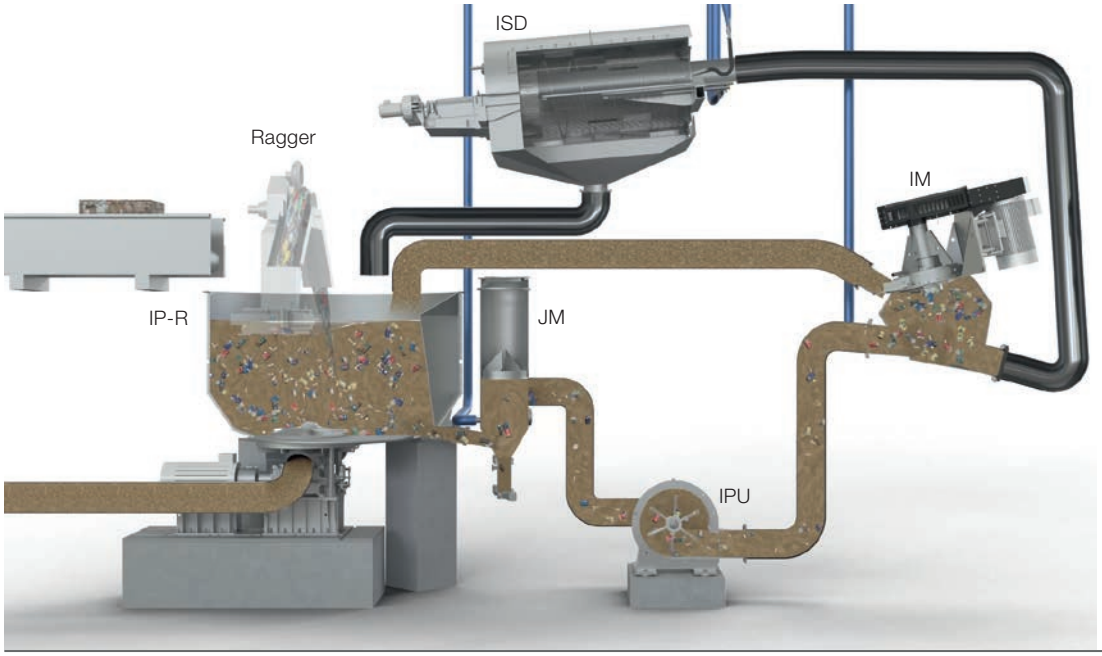
Lowest maintenance required

The H2R principle ensures operating the cleaning shower with lowest plugging tendency and highest tolerance for particle load in the shower water at an usual water pressure avoiding additional booster pumps. All shower pipes could be accessed easily by simply opening the end caps. For the drive, there is no open gear, chain or belt drive which would be exposed to water mist or reject. The gear motor positioned at the opposite side of the reject exit is kept clean all the time.

BlueLine – sustainable solutions for the future

Thanks to its high fiber savings the IntensaDrumScreen is part of the Voith BlueLine product range. With BlueLine, customers profit from proven Voith quality and reliability and at the same time low energy, fiber, water and maintenance cost. The product line is made up of especially resource-conserving products from numerous sections of the stock preparation process.

BluePulp LC with continuous LC pulper



IP-R	IntensaPulper
ISD	IntensaScreenDrum
IM	IntensaMaXX
IPU	IntensaPump
JM	Junkomat

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