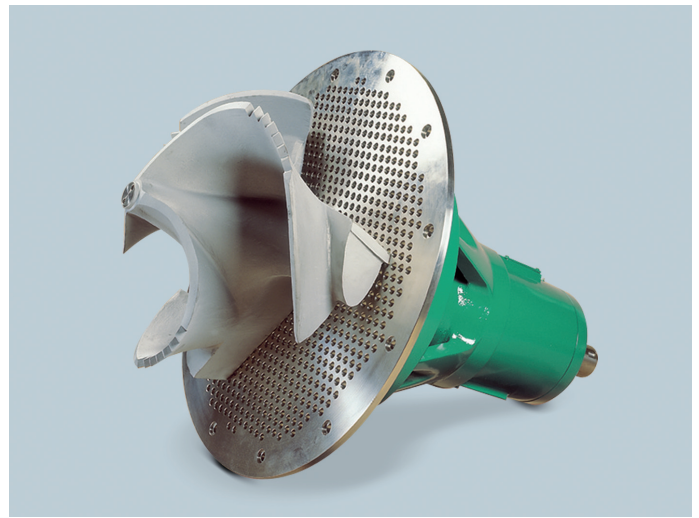




Cellwood Machinery
FOR BETTER PULP AND PAPER

INFORMATION

Grubbens Pulper Rotor TYPE S



Grubbens Pulper Rotor

TYPE S

Rotor type S is specially developed for dissolving of virgin pulp and other difficult paper qualities, including wet strength. Rotor type S can be equipped with counter knives and wearing bars in exactly the same way as the rotor type SRM.

THE ADVANTAGES OF THE ROTOR TYPE S ARE THE FOLLOWING:

- The rotor combines hydrodynamical and mechanical dissolving of the pulp
- The design of the vane at the rotor prevents plugging of the strainer holes
- The rotor can dissolve tough paper qualities, especially wet strength qualities
- The rotor allows higher pulp consistency through the strainer holes
- The rotor gives a higher flow of pulp over the strainer plate
- The rotor assists emptying of the pulper because it normally gives an overpressure on the suction side
- Rotor type S fits on the existing bearing unit for type SRM without modifications

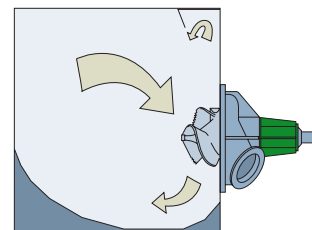
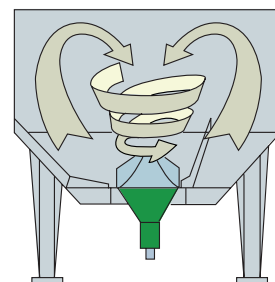
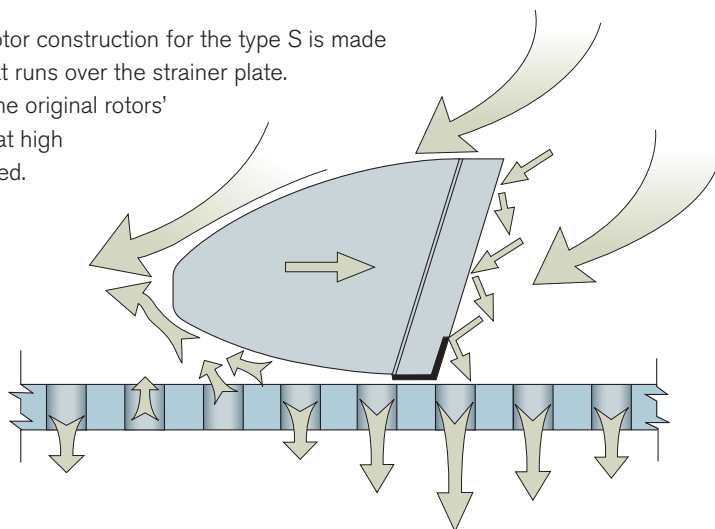
The hydrodynamic design of the vanes provides a combined handling of the pulp. On the front side of the vane the pulp pressure is down towards the screen plate and the dissolved pulp gets forced out through the strainer holes.

On the back side of the vanes a underpressure makes the strainer holes clean and the risk of plugging the holes is eliminated.

The rotor is manufactured from stellite on the parts that work against the strainer plate and counter knives. Alternatively the rotor can be equipped with turn- and exchangeable counter knives and wearing bars, if requested.



The change of the rotor construction for the type S is made on the lower part that runs over the strainer plate. Due to this design, the original rotors' ability to pump pulp at high consistency is retained.



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