Rebuild components for higher pulping efficiency

IntensaTechnology

Converting existing systems to IntensaTechnology

With the right technology, efficient pulping of virgin pulp and recovered paper in stock preparation leads to reduced specific energy consumption. In addition, bottlenecks in pulping capacity are eliminated and improvement in pulping efficiency is ensured. IntensaTechnology from Voith meets these requirements through improvement of flow and pulping properties of the stock suspension.

The advantages of Voith IntensaTechnology can now be transferred to existing pulping systems for low and medium consistency. Voith provides extensive rebuild components to improve your pulping systems.

Key benefits

+ More efficient pulping at the lowest specific power consumption, with savings of up to 50%
+ Increases pulping capacity by up to 100%
+ Increases pulping quality due to better flow properties of the stock suspension
+ Reliable operating conditions across a large throughput
+ Trouble-free ragger operation
Perfect completion with Voith screen elements
Due to Voith’s extensive know-how as a system provider, products are perfectly coordinated with one another.

With installation of Voith screen plates, the conversion to IntensaTechnology can be perfectly completed by additional optimization of the pulping process in duration and quality.

**NDuraPlate ES**
The eye-shape perforation in the screen element of the NDuraPlate provides up to 10% longer working edges and facilitates a reduction of pulping times. This leads to an increase in pulping efficiency of up to 20% when compared to other hole designs on the market.

**NDura QuadraPlate**
NDura QuadraPlate is a screen element with high deflaking efficiency and is used with clean raw materials and raw materials hard to pulp. Due to the significant number of highly effective working edges, defibering is improved and capacity can be increased.

**Area of application**
IntensaTechnology can be implemented in almost all low and medium consistency pulper types:
- Voith Pulper Type ST, UP, VS, VSAP
- Pulper of other OEMs as KBC, Metso and Andritz

Rebuild components for IntensaTechnology explained using Voith IntensaPulper:
1. Bale braker
2. Intensa deflector
3. Double cone
4. Rotor substitution / modification