



**PULP & PAPER**

# **HIGHER CAPACITY, BETTER WASHING**

**MAXFLO CSO-DRUM FOR VACUUM WASHERS**

## **OVERVIEW**

Washing efficiency and strength are the key elements to evaluate a vacuum washer drum's reliability and operation. If either of those fails, the drum performs poorly and, in most cases, needs to be replaced.

ANDRITZ MaxFlo® CSO drum is designed to fit all open-ended pulp vacuum washers as well as replace dual dropleg drums with one filtrate outlet. It complements the ANDRITZ MaxFlo drum family. With a high-capacity anti-rewet deck, reinforced

structural components, and an optimized hydraulic design, the MaxFlo drum maximizes efficiency and reliability. The MaxFlo drum is the ideal solution in both brownstock and bleaching applications.

**ENGINEERED SUCCESS**

# A simple retrofit for reliable and efficient pulp washing

## KEY TO SUCCESS

Modern calculation tools were used to optimize the mechanical durability of the new ANDRITZ MaxFlo CSO drum. High vacuum and good pulp mat formation – essentials to efficient pulp washing – are realized in MaxFlo CSO drum in a similar way as in all ANDRITZ MaxFlo filter drums. Besides

replacement drums, ANDRITZ CSO design is also ideal to long washers that have exceeded their hydraulic capacity and discharge the filtrate only from one end. In CSO drum, the filtrate exits from the middle of the drum, reducing hydraulic load in the channels. Several maintenance benefits, including externally accessible bolt-on

shafts, reinforced drum heads, and cylindrical valves are integrated into this drum design. The delivery can be completed with other ANDRITZ vacuum washer upgrades, like the GasFree\* filtrate valve, improved cake washing showers, and doctor blade upgrades. These performance improvements are also available as stand-alone upgrades.



MaxFlo CSO drum installation with GasFree valve.

## BENEFITS

- Less internal pressure drop leading to more vacuum applied to pulp mat
- Higher discharge consistency
- Improved washing efficiency
- Higher dilution factor
- Anti-rewet ability
- Increased filtrate capacity
- Improved reliability

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