



**PULP & PAPER**

# **HIGHER CAPACITY, BETTER WASHING**

**MAXFLO DRUM FOR VACUUM WASHERS**

## **OVERVIEW**

At today's high production rates, many vacuum washers are operating over design capacity. When drum replacement becomes necessary, the ANDRITZ MaxFlo™\* drum is the latest in vacuum washer technology.

With a high capacity anti-rewet deck, reinforced structural components, and an optimized hydraulic design, the MaxFlo drum maximizes efficiency and reliability. With the ability to be

retrofitted into nearly any OEM washer system, the MaxFlo drum is the ideal solution in both brownstock and bleaching applications.

# **ANDRITZ**

**ENGINEERED SUCCESS**



# A simple retrofit for reliable and efficient pulp washing

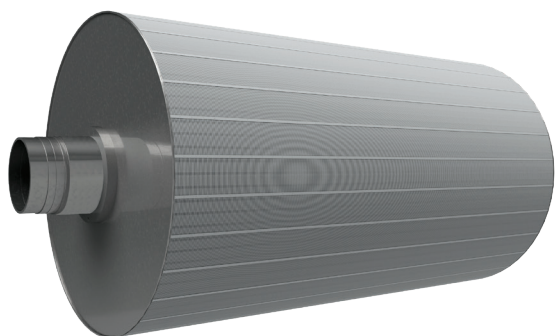
## KEY TO SUCCESS

Modern calculation tools were used to optimize the flow pattern and mechanical durability of the new ANDRITZ MaxFlo drum. By carefully investigating each critical component for minimum pressure loss, a drum with maximized vacuum applied to the pulp mat was generated. High vacuum and good pulp mat formation – essentials to efficient pulp washing – are realized

in new MaxFlo filter drum. Several maintenance benefits, including externally accessible bolt-on shafts, reinforced drum heads, and cylindrical valves, are integrated into this drum design. With many models and sizes available, the MaxFlo drum is compatible with most vacuum filters globally with no modifications to the existing system.

## 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



MaxFlo drum 3D picture

## RESULT BEFORE AND AFTER UPGRADING OLD DRUM WITH NEW MAXFLO DRUM:

		Before	After
Vat consistency	%	2,11	1,73
Mat consistency	%	10,3	11,9
Dropleg filtrate	gmp / l/s	2,825 / 178	3,625 / 229

## AFRICA, ASIA-PACIFIC AND EUROPE

ANDRITZ Oy, Finland  
p: +358 20 450 5555

## NORTH AMERICA

ANDRITZ Inc.  
p: +1 518 793 5111

## SOUTH AMERICA

ANDRITZ Brasil Ltda.  
p: +55 41 2103 7601

# ANDRITZ

**ANDRITZ.COM**

fiberline-service@andritz.com

\*Trademark of the ANDRITZ GROUP. For information regarding ownership and countries of registration, please visit [andritz.com/trademarks](http://andritz.com/trademarks). All data, information, statements, photographs and graphic illustrations in this leaflet are without any obligation and raise no liabilities to or form part of any sales contracts of ANDRITZ AG or any affiliates for equipment and/or systems referred to herein. © ANDRITZ AG 2019. All rights reserved. No part of this copyrighted work may be reproduced, modified or distributed in any form or by any means, or stored in any database or retrieval system, without the prior written permission of ANDRITZ AG or its affiliates. Any such unauthorized use for any purpose is a violation of the relevant copyright laws. ANDRITZ AG, Stattegger Strasse 18, 8045 Graz, Austria. MaxFlo Drum 1.0/02.2019 EN

