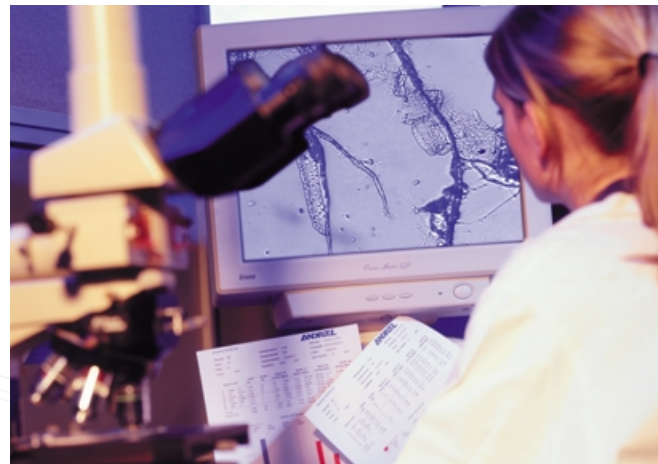


# Engineered Brightness

## Brightness based on analysis and experience

Since Andritz delivered the first DIP line in 1978, we have put numerous complete DIP lines and rebuilds in operation. Our technological basis for our solutions are:

- extensive system and process know-how
- R&D facilities that provide new developments and ideas
- laboratories for fiber analyses and data collection
- mill audits as basis for customized solutions



Andritz has more than 9,000 t/d of installed DIP line capacity in operation worldwide. The following companies are among our customers:



www.andritz.com fiber.prep@andritz.com

**ANDRITZ**

**Andritz AG**  
 Stattegger Strasse 18, A-8045 Graz, Austria  
 Tel. +43 316 6902-0, Fax +43 316 6902-415

**Andritz Oy**  
 Kyminlinnantie 6, FIN-48601 Kotka, Finland  
 Tel. +358 20 450 5555, Fax +358 20 450 5422

**Andritz Inc.**  
 101 Ridge Street, Glens Falls, NY 12804, USA  
 Tel. +1 518 793 5111, Fax +1 518 745 2858

All data, information, statements, photographs, graphic illustrations and other presentations made in this leaflet are without any obligation to the publisher and raise no liabilities to Andritz AG or any of its affiliated companies. Neither shall the contents in this leaflet form part of any sales contracts which may be concluded between Andritz Group companies and purchasers of equipment and/or systems referred to herein.

© Andritz AG 2002. 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, Andritz Oy or Andritz Inc. Any such unauthorized use for any purpose is a violation of the relevant copyright laws.

C.242.a.1.5000.e.6.02



**Deinking Systems**  
 Bright Solutions for Deinked Pulp

FIBER PREPARATION SYSTEMS

**ANDRITZ**

# Bright Solutions for Deinked Pulp

System experience and engineering competence as basis for successful projects

## Andritz – your source for deinking systems

Andritz is one of the leading suppliers of complete systems for deinked pulp – from pulping to thickening, and including sludge dewatering. Extensive system know-how, decades of experience in building all types of deinking plants, and the broadest range of equipment are the basis for our system designs.

## Key equipment

A chain is only as strong as its weakest link.

Andritz offers complete deinking systems including well-proven equipment in every process step. From the FibreFlow® Drum pulper through screening, cleaning, flotation, dewatering/thickening, dispersion and bleaching, as well as sludge handling – every step is covered by highly efficient and reliable equipment.

## Process know-how

Extensive process know-how acquired through decades enables us to specify the right system for the various deinking applications. Andritz has built successful deinking plants around the world. Our experience can be applied to your project with proven profitability and reduced technical risk.



The FibreFlow® concept represents world class solutions for pulping, trash and heavy particle removal, as well as coarse screening. And all this in only two process steps - the FibreFlow® Drum pulper and ModuScreen™ CR coarse pressure screens!



Andritz DIP screening systems are engineered to meet specific mill needs and are based on well-proven ModuScreen™ pressure screens. This leads to high dirt removal efficiency and easy operation even with the smallest slot sizes at lowest energy consumption.



The bubble size distribution and selectively controlled removal of ink particles are some advantages of the Andritz SelectaFlot™ flotation cell. Brightness increase, low fiber loss and energy consumption of SelectaFlot™ have proven to be superior to conventional technologies.

Andritz is the leading supplier of thickeners and dewatering equipment. Twin Wire Presses, Screw Presses and Disc Filters are employed in various positions of the line to secure long-term reliability as well as efficient and safe operation.



## System integration

When developing components for each process step, we also develop the understanding of how individual equipment performs most efficiently in the entire system. As a result we have also been able to combine two process steps in a single unit. Hundreds of installations give us the foundation for suggesting improvements and modifying equipment for each new application.

## Engineering

To work efficiently and with the highest quality, we mainly use our in-house engineering capabilities. We perform basic/detail plant and process engineering, 3D planning, electrical and control engineering, DCS programming and factory acceptance tests. Our ELDOC documentation system provides Erection-Operation-Maintenance (EOM) instructions on an intelligent CD-ROM – with database, user-friendly interface and search functions.

## Project management, as well as supervision to turnkey installations

Our project managers are experienced and skilled in international project management. We have a history of success in completing first-class turnkey installations on time. Depending upon the level of support you need, we can supply services ranging from erection supervision, start-up and commissioning to complete turnkey – even EPC – responsibility.

