

# Stock Preparation Systems

## From Components to Complete Lines



# Stock Preparation Systems

The best components make the best systems

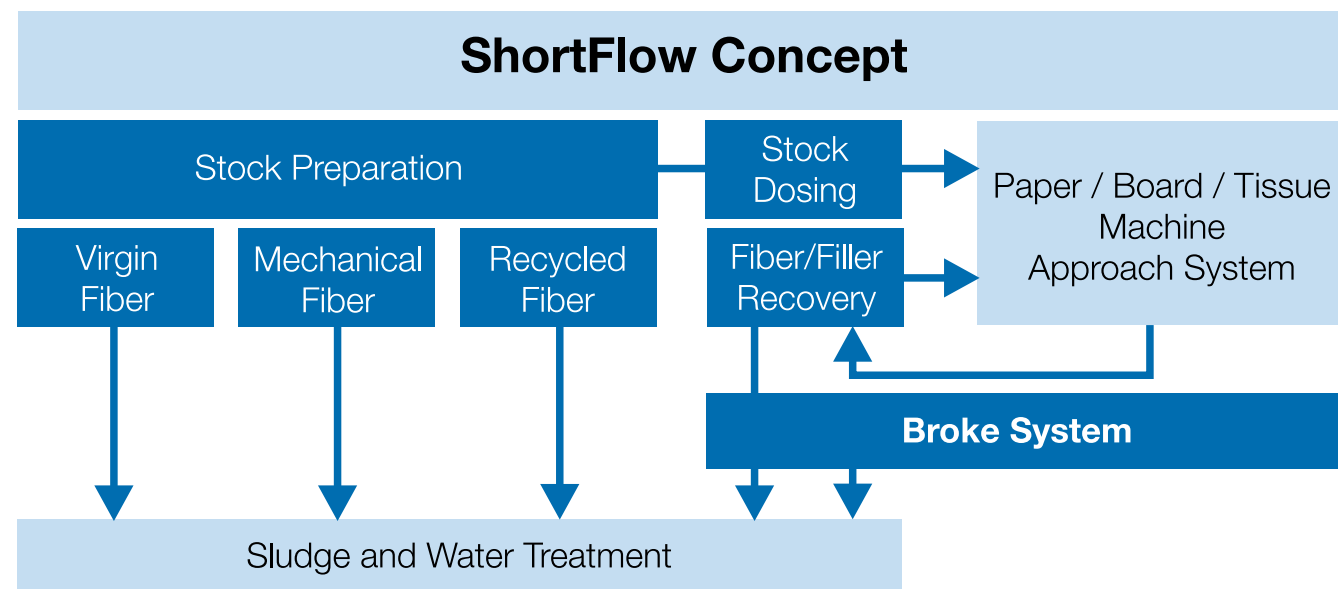
## Integrated stock preparation systems from ANDRITZ

ANDRITZ is a leading supplier of systems for stock preparation processes – from the entry of pulp into the mill to the machine headbox. Extensive process and system knowledge, backed by decades of applications experience, allow us to offer a wide range of process equipment. In addition, we have the installation, commissioning and service expertise to add value to your mill over the entire life of the equipment.

## Key equipment

Our engineers and specialists help you select and apply the key components for your stock preparation system. From bale pulping through screening, cleaning, refining, thickening, deflaking, fiber recovery – every process step is covered.

ANDRITZ ShortFlow Concept contains overall process solutions – from the bale pulping to the paper machine headbox.



## Benefits

- **Minimized number of equipment and storage volume**
- **Low energy consumption due to improved pulping and low no-load power in refining**
- **Highly efficient protection for refiner and deflaker plates improves overall process efficiency through short downtime and best fiber properties**
- **Reduced maintenance costs**
- **Optimum development of the fiber potential due to best selection of refiners for various applications**
- **Flexible integration of thick stock screening and refining with the blending system**
- **Advanced control strategy provides stable stock flow to paper machine**
- **Reduced grade change times**



## Demands and solutions – tailored systems designed by ANDRITZ

### Minimizing operating costs

Efficient components at low **ENERGY** consumption lead to lower operating costs

### Innovative machine concepts

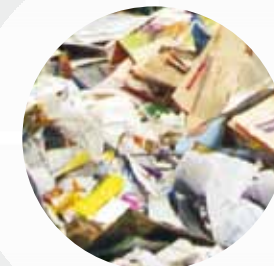
Focus on best product **QUALITY** – for highest efficiency and reliability to increase pulp quality

### Environmental-friendly processes & equipment

Lowest possible impacts on **ENVIRONMENT** – high reject consistencies save drying and disposal

### Use your time for production

**TIME** is money – systems and units with highest availability, shortest maintenance and down-times



# Your single source for complete systems

## System integration and concepts

By 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 ANDRITZ systems are designed as simple as possible but as efficient as necessary. Hundreds of installations give us the foundation for improvements and modifying equipment for each new application.

## Engineering

To work efficiently and secure highest quality, we use our in-house engineering capabilities. ANDRITZ performs basic/ detail plant and process engineering, 3D planning, electrical and control engineering, DCS programming and factory acceptance tests. The applied documentation system provides erection, operation and maintenance instructions with database, user-friendly interface and search functions.

## Project management

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, ANDRITZ can supply services ranging from erection supervision, start-up and commissioning to complete turnkey responsibility, even EPC.



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