

Fastpap

Company presentation

FASTPAP

History of Fastpap

- Started as ER Scanner Group (Enfoplan Oy and Retool Oy) in 1989
 - scanners for cleaning, cutting and measuring
 - cooperation with Andritz since 1993
- In 2006 incorporated with Fastems' Paper Industry Products division
 - production of IQScanners
 - roll cleaning system
- Change of ownership in 2009



Products

Fastpap FormerSprint

3D cleaning for
forming fabrics

Fastpap Press-Sprint

Cleaning for
press felts

Fastpap ComboSprint

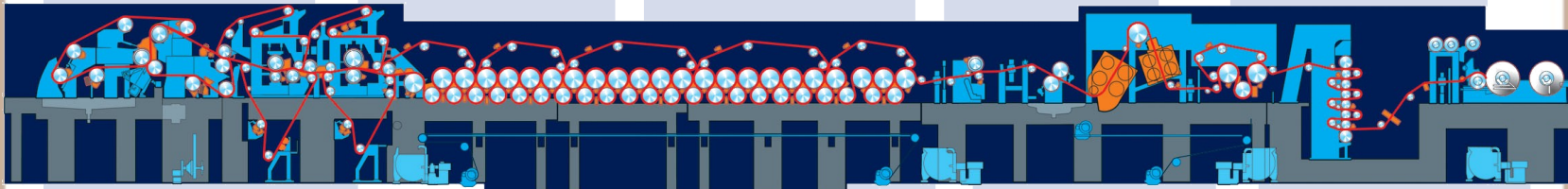
Online dryer
fabric cleaning

Microperm Smart

Online
porosity
analyzer

Fastpap LineSprint

Roll cleaning
during process



Wet-end tail cutter

Fastpap WetCut

Reliable tail cutters for
threading success

Fastpap SingleCut
Fastpap TwinCut

Trim cutter

Fastpap
EdgeCut

Waterjet
turn-up device

Fastpap
ReelCut

High pressure cleaners for Andritz

Cleaning

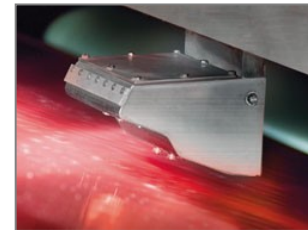
- **Fastpap FormerSprint**

- 3D cleaning method
 - patented sealing
 - prolongs forming fabric life time
 - small water consumption



- **Fastpap ComboSprint**

- unique online cleaning method
 - 3 different cleaning modes
 - top reliability
 - excellent cleaning results



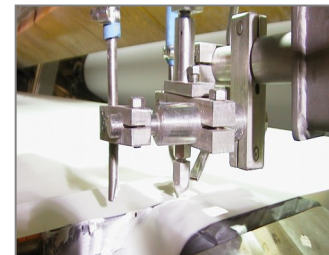
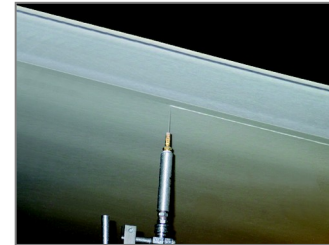
- **Fastpap LineSprint**

- improves work safety
 - efficient but gentle online cleaning
 - programmable
 - suitable for all types of roll surfaces



Cutting

- **Fastpap WetCut**
 - definite reliability
 - patented sealing
 - excellent accuracy
 - programmable tail widths
 - steady movement and cutting
- **Fastpap TwinCut & SingleCut**
 - programmable tail widths
 - highly repeatable accuracy
 - quick and problem-free threading
 - top reliability
- **Fastpap EdgeCut**
 - cuts narrow and even wet trims
 - nearly dust-free cut edges
 - trouble-free converting
 - constant web width and position



Products made exclusively for Andritz

- High pressure cleaner for lime mud drum filter (CPR)
- High pressure cleaner for lime mud disc filter (LMDF)
- High pressure jet pipe for DD washer



New products:

- Fastpap ReelCut

- fast and successful turn-up
 - reduces spool bottom waste
 - no tape or glue needed
 - suitable for wide range of grades
 - cost-effective

- Microperm Smart

- reliable online porosity information
 - largest measuring range on the market
 - measuring method can be selected online
 - uniform with laboratory methods
 - measurement pressure is very low
 - automatic, adjustable cleaning
 - no calibration needed on grade changes



References

We have delivered over 500 scanner products to the pulp and paper industry worldwide.

Roll cleaning	17
Fabric cleaning	119
Cutters	56
Profile measuring for the forming section	24
IQScanner products	80
High pressure cleaners for Andritz	254
JetScan for Dantec Dynamics	15
Total	565

Benefits of Fastpap products

- **More process hours, higher web speed**
→ **More tons to be sold**
- **Higher automation level** →
 - savings in labor costs
 - better work safety
- **Better runnability**
- **More consistent quality**
- **Cost reductions**
 - raw material
 - water consumption in the process
 - energy consumption
 - longer life time of fabrics and rolls

About Fastpap

- Yearly turnover: 1-2 meur
- Amount of employees: 9
- Resources for:
 - R&D
 - mechanical and automation engineering
 - project management
 - assembly
 - testing
 - service
 - maintenance
 - supervision & start-up services
 - installation services
 - spare parts



Fastpap

FASTPAP