MultiJet on-line cleaning system
• 350 installations worldwide
• Global industry leader for high-pressure water cleaning equipment
• Strong references with systems supplied to Europe, Asia and increasingly to North America
• Headquarters and production facility located in Huskvarna, Sweden
• Exclusive partnership with Andritz in NA
Network and References

Current Network
- Offices
- Agents / Distributors
- References
Introduction to the m-clean systems

- Dryer Fabric cleaning
- Backing Roll cleaning
- Transfer belts & Press Roll cleaning

For cleaning paper machine clothing, transfer belts and press rolls

For online and offline backing rolls

IMPROVING PAPER MACHINE EFFICIENCY
Installed base by Paper Grade

- Coated lime paper: 18%
- Coated board: 9%
- Newsprint: 8%
- Non-Woven: 3%
- Others: 4%
- SC paper: 1%
- Liner / Fluting: 61%

Installed base by Application

- Dryer fabrics: 81%
- Backing rolls: 13%
- Press rolls: 2%
- Others: 4%
MultiJet will clean

Surface contamination

White pitch contamination

In weave contamination

Fabric A

Fabric B

Fabric C
MultiJet will eliminate or minimize

- Web breaks
- Low permeability in fabric
- Dirt spots in paper
- Negative influence on paper moisture profile
- Bad ventilation / evaporation
- Reduced effect of stabilizers
- Reduced effect of heat transfer
- Fibres sticking on cylinders and fabrics
- Contamination on guiding rolls
The MultiJet cleaning head reaches cleaning results that cannot be achieved by other competing systems in demanding conditions.
Benefits MultiJet concept

- Efficient cleaning with up to 600 bars water pressure together with efficient vacuum evacuation
  - No paper breaks during cleaning
  - No water marks in paper during cleaning
  - All contaminations collected outside the paper machine
Benefits MultiJet concept

• Fast payback time of investment by:
  • Improved paper machine runnability
  • High permeability value during fabric lifetime
  • Guaranteed uptime
  • No paper machine shutdown for manual fabric cleaning
  • Improved paper quality
  • Increased drying efficiency
  • Increased machine output
  • Increased dryer fabric lifetime
  • Low maintenance cost
MultiJet cleaning unit

Siemens S7 or Allen Bradley

Vacuum and air

Control by Siemens S7 or Allen Bradley

High pressure water

One central unit can support several cleaning units

ANDRITZ

IMPROVING PAPERMAchine EFFICIENCY
Return on Investment

- Paper break reduction: up to 100%
- Higher paper machine up time: up to 5%
- Steam reduction: up to 5%
- Longer fabric life time: up to 100%
- No need for manual cleaning Saving/Safety
- Elimination of chemical cleaning Saving
- No downgraded paper due to markings on the sheet Saving
- No downgrades paper due to stickies on rolls or fabrics Saving
- Elimination of rejected paper (printing house etc.) Saving
- Elimination of paper breaks in rewinder Saving
- Improved CD profile