

NAL-TEX™

Online Dryer Cleaning Technology

Sticky material deposition in paper machine can cause sheet breaks, increase downtime, and affect production performance. This may decline the production effectiveness and market competitiveness for paper and packaging manufacturer.

NAL-TEX™ Online Dryer Cleaning Technology provides dryer fabric and dryer cylinder care programs to protect the surfaces from tacky material deposition. Leading to the improvement of production performance while maintaining paper quality output.

Benefits

NAL-TEX™ Online Dryer Cleaning Technology is designed to meet the following objectives:

- Improve machine performance and maintain dryer cleanliness
- Reduce the sheet breaks, paper defects, and downtime from sticky material
- Provide long term clean for dryer surface
- Increase overall production performance

Case Study

A Fourdrinier machine in a paper and packaging board company in Southeast Asia was experiencing a high cost of paper processing. The machine had a 500 TDP production capacity, producing recycled corrugated medium paper (90-185 gsm). They experienced sheet breaks, paper quality issues, and required frequent maintenance.

NAL-TEX™ Online Dryer Cleaning Technology sprayed a chemical layer to prevent sticky deposition and reduce sheet breaks. The technology reduced energy usage by 0.1 tons of steam/ton paper and reached zero number of sheet breaks due to sticky. NAL-TEX solution optimized the machine to increase saving up to \$280,000 per year.



ENERGY



PRODUCTIVITY



PROFITABILITY