



# DuPulse®

## Press Stable Method of Felt Cleaning

U.S. Patents No. 7,597,782; 7,850,824; 7,918,968

Canadian Patents No. 2,750,186; 2,666,324

Scan for the video



# DuBois

# DuPulse®

The DuPulse strategy brings the latest innovation in press-stable felt cleaning technology to your machine. This application technique combines a patented feed strategy with automated control. This dual approach allows for cleaning on-the-run without negatively impacting production. The result is an unmatched return on investment from productivity gains, operational cost reductions and lower chemical usage.

## Superior Performance & Chemically Cost Effective

- Net overall return on investment of 200-500% is typical
- Injects the cleaner deep into the felt, opening the base as well as the batt
- Significantly more effective than continuous felt cleaning

## Production Gains Demonstrated

- Increased average machine speeds
- Reduced breaks and defect
- Reduced downtime batch washing of fabrics

## Operational Savings and Environmental Benefits

- Reduced dryer steam use
- Reduced use of shower water and energy to heat the water
- Extended press fabric life
- Improved ability to utilize wet strength resin, CMC, and other difficult additives
- Improved ability to remove recycle fiber contaminants

## Enhancing Press Operation Stability

- No additional water is added for washing operations, which eliminates variations in water loading
- Concentrations are optimized to remove deposits without adversely affecting the sheet quality
- Vacuum, pH, and permeability are controlled to a consistent level
- Press stability is maximized during felt cleaning
- Clean during production without impacting Yankee coatings

## Exceptional Flexibility

- Concentration, duration, frequency, chemistry, and chemical application ratio are optimized by felt position
- Instant program modifications can be easily made with touch screen monitors

### DuBois Chemicals

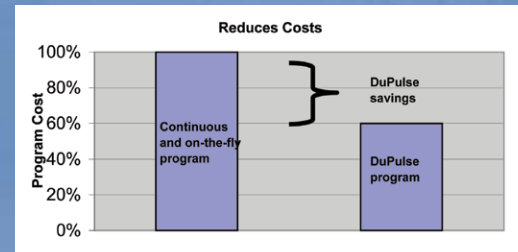
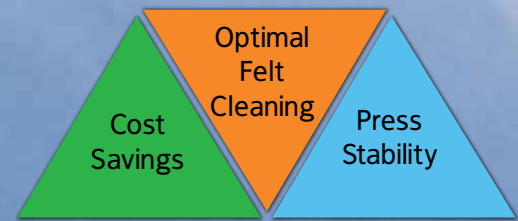
3630 East Kemper Road  
Sharonville, OH 45241-2011  
800 438 2647

### In Canada

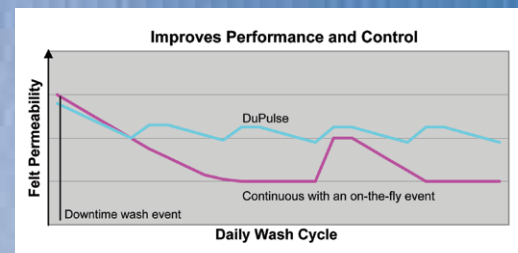
1155 North Service Road West, Unit 11  
Oakville, ON L6M 3E3  
866 861 3603

[www.dubois-paper.com](http://www.dubois-paper.com)

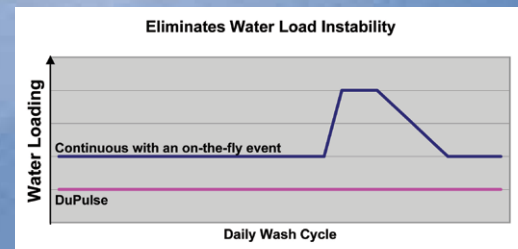
# DuPulse



The DuPulse method can save up to 40% in direct chemical cost over fan shower based on-the-fly and continuous felt conditioning.



The DuPulse cleaning method maintains consistent high felt permeability following downtime wash events.



The DuPulse method does not add water to the press felts as other methods do.