Optimization Clinic
September 18–19, 2012
Optimization Clinic

Papermaking is part art, part science, and part knowing people who can help. You’re invited to the Kadant Optimization Clinic, Three Rivers, Michigan to meet the people and learn how to improve energy utilization.

At the Kadant Optimization Clinic, you will have the opportunity to learn best-in-class practices from various process optimization experts and industry leaders. The energy-focused program includes detailed case studies that highlight energy-driven rebuilds that improved mill performance and profitability.

**Learning objectives:**

- Learn how to improve energy utilization
- Discover breakthrough technologies in cleaning and conditioning
- Learn about the latest developments in doctoring systems
- Develop a step-by-step approach to find opportunities for saving energy

**Who should attend:**

Mill Managers, Production Managers, Technology Directors, Project Engineers, Project Managers, Superintendents, and those with an interest in energy utilization.

**Benefits of attending this clinic:**

- Learn about the latest advances in energy conservation
- Explore leading-edge concepts to maximize paper machine productivity
- Discover how to improve operational efficiencies
- Understand how to apply new technologies to generate optimum investment returns
- Connect with other industry leaders

**Event location:**

W.R. Monroe Research Center
Kadant Johnson Inc.
805 Wood Street
Three Rivers, Michigan, USA

**Comments from past participants**

“Great format, content and diversity of topics.”

“This course has some of the best real info ‘meat & potatoes’ I have seen. Good presenters.”

“Very good info on steam and condensate management. Good ‘kickstart’ to get projects started at our mill.”
Finding Opportunities for Energy Savings

- Reducing energy costs of papermaking to increase competitiveness
- Vacuum pumps and operating efficiencies
- Identifying hidden opportunities for quick ROI

Energy-Driven Rebuild Case Studies

- Reducing water consumption
- Producing energy with your dryer section
- Energy utilization strategies for success

Discovering Energy with Improved Dryer Control

- Enhancing reliability in the dryer section
- Optimizing existing equipment for improved efficiencies
- Air flow and temperature optimization
- Managing differential pressures and preventing steam venting
- Eliminating dryer flooding
- Rapid recovery from sheet breaks

High Efficiency Doctoring & Water Management

- Reducing drive load with low friction blades
- Cleaning and conditioning for improved performance
- Improving de-watering and consistency
- Eliminating mist and contaminants

Outlook and Challenges for the Paper Industry

- Facing competitive challenges
- Competing in a global market
- Energy management

Registration: Register online at www.paperclinic.com or call 1-800-657-5940.

When: September 18 – 19

Clinic fee: Mill personnel and TAPPI members receive complimentary admission.

Accommodations and travel: All meals and transportation are provided at no charge for attendees. The attendee is responsible for travel and hotel expenses. Hotel reservations should be made directly with Kadant Johnson at 1-800-657-5940.
About Kadant

For more than a century, Kadant Inc. has been delivering smart and efficient solutions to process industries. As a global leader in fiber processing, fluid handling, water management, and doctoring systems, we design and manufacture products used in industries ranging from paper to plastics and textiles to tires.

Our primary product lines are:

- Stock preparation systems for recovering recycled fibers and processing virgin fibers
- Fluid handling systems that transfer fluids, steam, or air between rotating cylinders and fixed piping
- Roll doctoring and scraping products that clean roll surfaces to keep machines running efficiently
- Water management systems that clean and condition fabrics and filter and recycle process water
- Fiber-based granules made from papermaking byproducts for agricultural and home lawn and garden applications

The W.R. Monroe Research Center began investigating condensate behavior in 1959. Today, the state-of-the-art test center features two full-size paper dryers, a corrugating roll, training center, and tribology laboratory.