

Do you **need** to  
**optimize**  
your facility operations



ON-SITE WEB HANDLING AND  
CONVERTING  
**CONSULTING**  
& TRAINING

**Benchmarking** your  
process against world-class GMP protocols

## ABOUT OUR FIRM

**S**ince 2003 Seminars for Engineers has been helping companies solve problems in the paper making and converting industries.

**Know what question to ask**



**Distillation of possible solution**



**Assimilation of findings into easily comprehensible report**

Our consultants possess diverse and wide-ranging technical backgrounds and extensive experience in all aspects of web based conveyance, coating and drying.

Over the years we have built a solid reputation for accurately and effectively providing data and findings that have generated millions of dollars of both profit and cost savings for our clientele.

Our expert consultants ask the right questions, listen to answers and provide practical solutions.



## CASES SOLVED

**IDENTIFIED NIP DRIVE PROBLEMS** that facilitated the correction of wrinkling and rewind registration issues resulting in savings of \$100K per year at Saint Gobain.

**DEVELOPED A SUPER CALENDER COMPOSITE ROLLER** which resulted in increased productivity by 30% for the finishing of LWC, SCA and SCB grades of paper in over 200 paper mills in 20 countries – thereby reducing capital equipment installation costs by \$15MM.

**OPENED COMPOSITE MANUFACTURING CENTERS** in Central China, South Africa, Poland and Brazil that included lay up, tape winding, filament winding and adhesive bonding process operations.

**CALCULATED DRYING RATES** for a mill making coated boxboard which was production limited due to drying constraints, thus proving that a minor capital expenditure could result in a 7% increase in production and resulted in \$1MM added to bottom line.

**TRAINED OPERATORS IN A LARGE NEWSPRINT MILL** with a program specifically tailored to the mill's operations and resulted in a 2% operational improvement in total machine efficiency.

**FIXED ISSUES WITH LATERAL REGISTRATION** on a vacuum plasma coating system (for coating aluminum foil) identified as occurring on a machine during shipment.

**LEAD A TROUBLESHOOTING SESSION** on a suction pickup roll to resolve a very high sheet break issue – a mis-ground press roll was revealed to be the root cause and prevented a costly 24 hour pulp machine outage.

**PERFORMED ADVANCED MULTIVARIATE ANALYSIS** at an integrated pulp and paper mill that was experiencing costly periodic multiple puffs / day episodes – the analysis led to a troubleshooting effort that identified a leaking oil cooler on a turbo generator.

**DEVELOPED PATENTED TECHNOLOGY** to increase paper web formation in the headbox, increasing paper formation by 3 points (TAPPI system).

**EXTENDED MACHINE CLOTHING LIFE** by 50% at a Champion cartonboard mill after implementing operational techniques that greatly increased machine efficiency.

## CONSULTING AND TRAINING SUBJECTS INCLUDE WEB HANDLING & CONVERTING

- Heating and cooling of the web
- Coating and web finishing
- Machine clothing (felts, forming wires)
- Mechanics of winding and tension control
- Pressing and drying
- Roll formation
- Roller covers and alignment issues
- Wrinkling, spreading, guiding, doctoring, slitting and unwinding

## FIND OUT WHY LEADING FIRMS LIKE THESE RELY ON OUR CONSULTING AND TRAINING SEMINARS

3M • Abitibi • Bemis Associates • GAF Materials • HP •  
Hexcel • Hollister • Tredegar Film • MeadWestvaco •  
Sealed Air Corporation • Celgard • US Playing Card •  
Solutia • RR Donnelley • Shawmut • Lexmark •  
Milliken • Nordson • Owens Corning • P&G •  
Rockwell Collins • Rogers • Saint Gobain •  
Shurtape Technologies • James Hardie

If the answer to these is **YES**

you'll benefit by calling us

Are we experiencing variations in product quality?

Should we be generating greater output given our plant size?

Understanding the root cause of our equipment failure or machine downtime would greatly enhance our profitability.

# Are **YOU** ready to be a Seminars for Engineers® **success story?**

Call for a **FREE** 20 minute consultation

**1.877.755.2272** (in the USA & Canada)

**1.973.560.9092**

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