

Theory

1. Calender Technologies
 - basics of the calendaring process
 - gloss / glazing
 - soft handle
 - embossing
 - compacting
 - laminating
2. Design and Function of the System Rolls
 - S-Roll
 - HyCon Roll (I and L)
3. Design and Function of the Counter Rolls
 - engraved rolls
 - heated roll with central bore
 - heated roll with peripheral bores
 - heated roll (electricity-steam)
 - roll coatings and coverings
4. Heating Systems
 - oil
 - gas
 - electricity
5. Auxiliary Equipment
 - winding and unwinding
 - roll cooling systems
 - others
6. Technical Data
 - measurements, line force, temperature, drive
 - start/stop conditions, interlocks
7. Hydraulic and Pneumatic Control
 - hydraulics and pressure control
 - system information, operating diagram, control loops
 - inspection and maintenance

8. Electrical Technology
 - mode of function and operation
 - safety features
 - error messages, fault finding
 - controls during production
9. Maintenance
 - lubrication, lubricants
 - roll change
 - roll cleaning
 - safety instructions

Practical

at ANDRITZ KÜSTERS:

- operation and mode of function via operator panel
- presentation of the technical departments:
Technical Centre, roll assembly, hydraulics, pneumatics
and electricity assembly

on site:

- operation and mode of function via operator panel
- description of function, demonstration and practical
training

Would you like to know more about the seminars,
organisation and cost?

Michael Doeker and the service team
would be glad to help you:

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Nonwoven Customer Seminars

Know how?

Know ANDRITZ KÜSTERS!

In today's demanding business environment, you need your plant to operate 24/7 with peak performance.

Our focused training packages can help your company to achieve this.

We offer a range of skill enhancement workshops either in our facility in Krefeld or on site at your plant.

By investing in training for your operating and maintenance teams you ensure that your personnel are well versed in our technology and can keep you plant performing at it's best.



Design, technology and mechanical functions are as well part of the seminars ...

... as the control system, error messages and aspects of maintenance.



nonwoven excellence

ANDRITZ KÜSTERS

Calenders and Roll Systems for the Nonwoven Industry:

Theory

1. Calender Technologies
 - basics of the calendaring process
 - thermobonding
 - embossing
 - compacting
 - laminating
 - perforating
2. Design and Function of the System Rolls
 - S-Roll/Hot S-Roll (200, 250, 275)
 - CS-Roll
 - HyCon Roll
3. Design and Function of the Counter Rolls
 - engraved rolls
 - heated roll with central bore
 - heated roll with peripheral bores
 - roll coatings and coverings
4. Heating Systems
 - oil
 - gas
 - electricity
5. Auxilliary Equipment
 - winding and unwinding
 - edge cooling unit
 - doctor blade and other equipment
6. Technical Data
 - measurements, line force, temperature, drive system
 - start/stop conditions, interlocks
7. Hydraulic and Pneumatic Control
 - hydraulic and pressure control
 - system information, operating diagram, control loops
 - inspection and maintenance

8. Electrical Technology
 - mode of function and operation
 - safety features
 - error messages, fault finding
 - controls during production

9. Maintenance
 - lubrication, lubricants
 - roll change
 - roll cleaning
 - safety instructions

Practical

at ANDRITZ KÜSTERS:

- operation and mode of function via operator panel
- presentation of the technical departments: Technical Center, roll assembly, calender assembly, hydraulics, pneumatics and electricity assembly

on site:

- operation and mode of function via operator panel
- description of function, demonstration and practical training

