



Sanding seminar at the Steinemann Technical Center

The seminar will be taught by experienced engineers and technicians. After an initial theory session, trainees can then try out their new know-how on the sanding machine itself. A short test completes the seminar and trainees will also be awarded an official certificate of participation from Steinemann.



Benefits for trainees:

- Improving knowledge of the technology used for sanding. Understanding how sanding machines and abrasives work together in an efficient production process.
- Learning the most important performance characteristics and quality parameters, so as to be able to optimize the sanding process
- Learning by doing, with various settings demonstrated at the machine – by analyzing the end results, trainees can quickly learn the right approach to handling the sanding machine
- Knowledge transfer – trainees benefit from sharing knowledge with their peers and can use this newly acquired expertise in their day-to-day assignments



Goals for sanding seminar:

- Trainees gain additional technical expertise in the sanding process
- Trainees complete a theory session, and then tackle practical exercises and instructions to strengthen and broaden this knowledge



Who is the seminar aimed at?

- The seminar is mainly aimed at personnel from manufacturers of MDF and particle board
- Production/finishing line supervisors for the sanding process
- Shift supervisors/sanding machine operators
- Technicians wanting to reskill in surface processing/finishing



Seminar details:

- Duration: 2 days
- Please note that the seminar is designed for a maximum of 15 participants



Fees:

- Fees: EUR 800 per participant (excl. 8% sales tax)
- includes: seminar course materials, certificate, accommodation and meals



Venue:

Steinemann Technology AG
Technical Center
Schoretshuebstr. 24
9015 St. Gallen



Seminar program

Session 1: Sanding machine

Theory

- Calibration sanding and fine sanding
- Machine parts relevant for quality
- Sanding belt velocities/oscillation and tension pressure
- Basic machine setting
- Sanding direction/cross-sanding/extraction

Practice

- Sensors/positions of locking devices
- Adjusting top/bottom sanding belt tension
- Oscillation/throttle adjustment
- Sanding distribution
- Adjusting sanding platen
- Cross-sanding

Session 2: Abrasives

Theory

- Sanding requirements for particle board/MDF/HDF
- Types of sanding belt joints
- Correct use of sprint inserts

Practice

- Sanding belt handling
- Sanding belt damage and material defects
- Sprint insert handling
- Avoiding over sanding at the edges

Session 3: Sanding process

Theory

- Machine configuration/grit sequence and insert type
- Substrate/stock removal/feed rate
- Particle board/MDF surface faults
- Causes, avoidance, and resolution of sanding faults
- Analyzing chatter mark spacing
- Vibration – sources/causes, measurement, and resolution

Practice

- P36–P220 surface roughness gradings
- Grit sequence vs. feed rate
- Chatter mark detection/analysis
- Fine sanding with various types of insert
- Vibrations and effects on sanding quality

Registration and contact

For registration or seminar inquiries please contact:

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