The Rösler Academy

Your contacts

Do you have questions, suggestions or special requests regarding our training program? You are interested in topics not listed in the program? Or would you prefer an in-house seminar at your location?

We are happy to advise you on seminars of the Rösler Academy and take care of your request. Contact us!

You can also visit us at www.rosler-academy.com.

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Training Management
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Dear client,

Since autumn 2017, the Rösler Academy has been offering practical training on topics related to vibratory finishing and blasting technology. The elaborate specialist knowledge of the certified instructors and the entertaining and indelible presentation of the seminar contents met with a pleasantly positive response: With an average overall rating of 9.3 out of possible score of 10 points, all seminars of the Rösler Academy scored very well. We thank you very much for your positive feedback!

In line with the slogan „Rösler...finding a better way“, we always aim at improving constantly. We try to achieve that goal by building a new Rösler Academy complex. We look forward to welcoming you to our new training building soon!

Stephan Rösler, President & CEO of the Rösler Oberflächentechnik GmbH

Anna Moschall, Head of Rösler Academy

Our Mission:
We are a modern and attractive family owned company active in the field of surface finishing.

„Finding a better way...“ drives us.

Long term, sustainable business development is more important to us than short term profit maximization.

Our Vision:
Our customers want to buy from us, because with our team of dedicated employees

- we are the world's best customer-oriented company in our field
- we deliver the best quality
- we perform the best service
- we are more innovative
Content

Mass Finishing

Trainer Mass Finishing
MF.1 Introduction to mass finishing
MF.2 Mass finishing machines and their areas of application
    MF.2.1 Centrifugal disc finishing machines
    MF.2.3 Rotary and tub vibrators
    MF.2.4 Drag finishing machines, Surf-Finisher and plunge grinding machines
MF.5 Industrial washing systems and their applications

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## Shot Blasting

### Trainer Shot Blasting

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</table>
Jörg Lässig
MF.1 Introduction to mass finishing

Florian Hammerschmidt
MF.2.1 Centrifugal disc finishing machines
MF.2.3 Rotary and tub vibrators

Florian Walter
MF.2.4 Drag finishing machines, Surf-Finisher and plunge grinding machines

Simon Wasser
MF.5 Industrial washing systems and their applications
Mass Finishing

MF.1 Introduction to mass finishing

Content:
This training course will provide a complete overview over the mass finishing technology, its process elements and applications. You will learn how mass finishing works, and for which surface finishing tasks this technology can be utilized.

- How mass finishing works
- Engineering of mass finishing machines
- Overview over media and compounds
- Overview over the Rösler mass finishing equipment program
- The basics of process water cleaning and recycling
- Overview over special mass finishing processes and applications

Target groups:
Users of and newcomers to the mass finishing technology, e.g. production planners, production supervisors, production foremen, machine operators and anybody intending to use mass finishing methods.

Recommendation:
Combine this introductory training with the more detailed training courses “MF.2 Mass finishing machines and their areas of application”.

Duration: 2 days
Participation fee: 1.360,00 €
Dates: 10./11. Sep 2019
15./16. Oct 2019
Participants: 5 – 10
Mass Finishing

MF.2 Mass finishing machines and their areas of application

Content:
These training courses provide essential information regarding the functional characteristics, technical details, areas of application as well as versions and sizes of different mass finishing machines. The theoretical and practical knowledge that you acquire in this seminar will enable you to better understand and handle the mass finishing equipment you already have and to better plan any new projects involving mass finishing equipment.

- Functional and technical characteristics of centrifugal disc finishing machines
- Examples of typical applications
- For which types of mass finishing processes they are used
- Machine sizing and capacity calculations
- Determination of the right amount of grinding or polishing media

Target groups:
Users of and newcomers to the mass finishing technology, e.g. production planners, production supervisors, production foremen and machine operators.

Recommendation:
We advise to participate beforehand in the training course “MF.1 Introduction to mass finishing”.

MF.2.1 Centrifugal disc finishing machines

Duration: 1,5 days
Participation fee: 1.020,00 €
Date: 12./13. Sep 2019
Participants: 5 – 10

MF.2.3 Rotary and tub vibrators

Duration: 1,5 days
Participation fee: 1.020,00 €
Date: 17./18. Oct 2019
Participants: 5 – 10

MF.2.4 Drag finishing machines, Surf-Finisher and plunge grinding machines

Duration: 1 day
Participation fee: 680,00 €
Date: 10. Oct 2019
Participants: 5 – 10
Mass Finishing

MF.5 Industrial washing systems and their applications

Content
This training course will provide you with comprehensive knowledge about the functional characteristics, technical details, fields of application and the various types and sizes of industrial washing systems. After this training, you will have a specialized knowledge of industrial washing technologies and their applications.

- The basics of industrial washing
- Equipment details and concepts
- Industrial cleanliness requirements
- Automation
- The use of industrial washing systems for mass finishing and shot blasting processes

Target groups:
Production planners, production supervisors, production foremen and machine operators who want to be informed about industrial washing systems.

Recommendation:
Combine this course with "MF.1 Introduction to mass finishing" and more detailed courses regarding mass finishing equipment.

Duration: 1 day
Participation fee: 680,00 €
Date: 09. Oct 2019
Participants: 5 – 10
Trainer Shot Blasting

Thomas Gundermann
SB.1 Introduction to shot blasting

Johannes Lindner
SB.1 Introduction to shot blasting

Jan Reinmann
SB.2 Dust collection systems for shot blasting applications

Stefan Baumann
SB.3 The shot peening process

Tom Kollacks
SB.4 Blast cleaning and painting preservation for steel plates and beams
SB.7 Understanding blast turbines for media acceleration

Manfred Kohmann
SB.6 How to maintain your shot blasting machine
### Shot Blasting

#### SB.1 Introduction to shot blasting

**Content:**
Shot blasting systems offer you nearly unlimited options from deflashing, descaling, sand and rust removal to roughening, decoating, matting, smoothing, edge rounding and shot peening. It is a technology which directs blast media onto a parts surface at a speed of up to 180 m/sec. The media is accelerated either by turbines (airless), compressed air, or electric pumps (water jet cleaning). The blast results depend on the type of blast machine, processing parameters and selected blast media.
In this course you will receive a complete overview over the different shot blasting processes, machinery, dust collection and a general calculation of the shot blasting operating costs.

- The basics of shot blasting
- Blast turbines
- Dust collectors
- Blast media
- Operating costs
- Machine types
- Process overview

**Target groups:**
Users of and newcomers to the shot blasting technology, technical personnel with different professional backgrounds from the areas production, work preparation, quality control, product development and production planning.

<table>
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<tr>
<th>Duration:</th>
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Content:  
In this course you will learn the basics of the different dust collection and filtering systems. In addition, you will receive comprehensive information to the subject fire and explosion protection and acquire practical knowledge about the operation of dust collectors.

- Dust collectors
- Fire and explosion protection
- Legal requirements
- User obligations
- Maintenance

Target groups:  
Technical personnel with different professional backgrounds from the areas production, work preparation, quality control, product development and production planning.

Recommendation:  
Expand your knowledge in the field of shot blasting by participating in the training course "SB.1 Introduction to shot blasting".

Duration:  
1 day

Participation fee:  
680,00 €

Date:  
31. Oct 2019

Participants:  
5 – 10
SB.3 The shot peening process

Content:
This course will provide you with an in-depth overview of the shot peening process, the most important measurement systems and the possible process controls in the shot blast machine. In practical exercises, you will learn how to conduct Almen readings and how to control the parameters of your shot peening process.

- Equipment
- Measurement and control methods
- The most common media for shot peening
- Practical shot peening examples

Target groups:
Technical personnel with different professional backgrounds from the areas production, work preparation, quality control, product development and production planning.

Recommendation:
Expand your knowledge in the field of shot blasting by participating in the training course “SB.1 Introduction to shot blasting”.

Duration: 1,5 days
Participation fee: 1.020,00 €
Participants: 5 – 10
SB.4 Blast cleaning and painting preservation for steel plates and beams

Content:
We will provide you with comprehensive knowledge regarding the surface preparation of steel by shot blasting including quality criteria and their measurement. Learn everything about automatic painting preservation and the most important factors affecting your operating costs.

- Roller conveyor shot blast machines
- Preservation technology
- Dust collectors
- Blast media
- Operating cost calculations

Target groups:
Technical personnel with different professional backgrounds from the areas production, work preparation, quality control, product development and production planning.

Recommendation:
Expand your knowledge in the field of shot blasting by participating in the training course "SB.1 Introduction to shot blasting".

Duration: 2 days

Participation fee: 1.360,00 €

Date: 25./26. Sep 2019

Participants: 5 – 10
Shot Blasting

SB.6 How to maintain your shot blasting machine

Content:
This seminar will provide you with comprehensive knowledge about special wear parts of blasting systems and the advantages of preventive maintenance. You will receive practical tips and tricks to maintain turbine and airblast systems. We will show you efficiency improvements by modernization of plant components.
This course also contains the handling of maintenance plans and the benefits and contents of a maintenance contract.

- Retrofit – modernization of shot blasting machines
- Maintenance of shot blasting machines and dust collectors
- Wear considerations
- Benefits and contents of maintenance contracts

Target groups:
Technical personnel with different professional backgrounds from the areas production, work preparation, quality control, product development and production planning.

Recommendation:
Expand your knowledge in the field of shot blasting by participating in the training course “SB.1 Introduction to shot blasting”.

Duration: 1 day
Participation fee: 680,00 €
Date: 24. Sep 2019
Participants: 5 – 10
SB.7 Understanding blast turbines for media acceleration

Content:
In this training course you will learn everything about the components of a turbine, the origin of a blast pattern and parameters influencing the speed of the blasting media. We will provide you with knowledge about the different areas of application and teach you to adjust turbines yourself and to control these settings. After attending, you will be able to use your turbine optimally.

- Blast turbines
- Blast media
- Wear considerations
- Operating costs

Target groups:
Technical personnel with different professional backgrounds from the areas production, work preparation, quality control, product development and production planning.

Recommendation:
Expand your knowledge in the field of shot blasting by participating in the training course "SB.1 Introduction to shot blasting".

Duration: 1 day
Participation fee: 680,00 €
Date: 05. Dec 2019
Participants: 5 – 10
### Dates 2019

#### Mass Finishing

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TERMS AND CONDITIONS

Booking, confirmation and invoicing
Easy booking with our online form under www.rosler-academy.com.

All courses listed in this program take place in Memmelsdorf/Untermerzbach at the address listed below.

Rösler Oberflächentechnik GmbH
Rösler Academy
Vorstadt 1
96190 Untermerzbach
Germany

Provided the course you booked is not full, your booking is binding. Please transmit the participation fee within 14 days after receipt of our invoice. You will promptly receive further information with your booking confirmation by e-mail.

On request, the Rösler Academy also offers in-house seminars at the customer’s site.

Participation fee
The participation fee includes lunch, refreshments and your Rösler Academy certificate. The fee does not include travel and hotel expenses. Upon request we can arrange your hotel booking. The listed prices do not include VAT.

Disclaimer
The Rösler Academy is not liable for damages done by the participant, unless the damage is based on intent or gross negligence of the Rösler Academy or its vicarious agents. The liability for injury to life, limb and health as well as for the violation of essential contractual obligations remains unaffected by this. In the event of a breach of essential contractual obligations, liability is limited to the typically foreseeable damage.
For your own protection, please bring safety shoes with you to each seminar, which you will need for the tour of the company.
The General Terms and Conditions of Rösler Oberflächentechnik GmbH shall hold applicable, unless otherwise agreed upon in the seminar modalities.

Sending a replacement, changing a booking, cancellation
You can cancel your booking up to 28 days prior to the training course date with a full refund of the participation fee. For cancellations 27 – 14 days prior to the course date we will charge 50%. After this deadline or non-attendance of a participant the entire participation fee must be paid. Of course, in case of sickness or other reasons you can send another person to the training course.

Changes
We reserve the right to make changes regarding the trainers and the course organization.

We will be happy to advise you personally on our course program. You can contact us at any time!
Further information about the training program of Rösler Academy is available on www.rosler-academy.com.

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For reasons of simplification, often only the male salutation is used. Women are of course equally addressed with this.