

# Mass Finishing Technology Training



**FAA**  
approved

MFN offers training that is authorised by the FAA

## Fundamental Knowledge in Mass Finishing Technology

### Concept of the training:

MFN is organizing frequently training in Mass Finishing Technology to attract a wide spread audience. So operators, supervisors, process & maintenance engineers, buyers, even trainers will be able to either learn something completely new, or at least be able to refresh their knowledge. The courses can be offered as on-site training, in our training centre in Altana, Germany or any other place of choice.

### Who designed this training?

A team of MFN trainers from 19 different countries ([www.mfn.li/trainers](http://www.mfn.li/trainers)) was selected and companies within the industry were contacted from around the globe to donate training material and exhibit items. The creation of this program has been a real team effort, not just by the MFN trainers, but also by a number of companies which normally compete against each other. And this is especially worthy of mention - the common understanding that there is a need within the mass finishing industry to establish a qualified training program and to create the spirit to do this together.

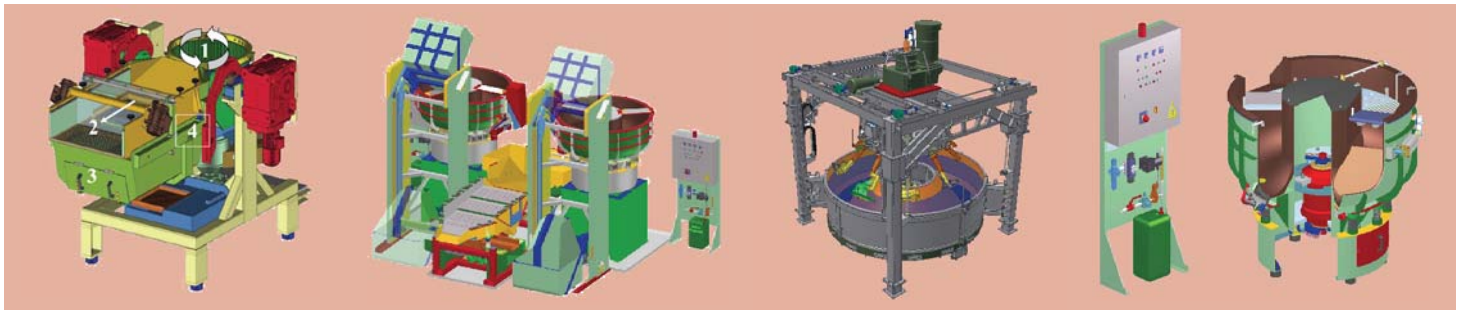
### MFN Partners:

MFN is a partner in education in Nadcap ([www.pri-network.org](http://www.pri-network.org)). Nadcap and MFN have agreed to recognise and promote the cooperation between the two organizations in areas of common interest according to their purpose, namely aerospace special process assessment. Furthermore MFN is an Official Sponsor of FEMS (Federation of European Materials Societies, [www.fems.org](http://www.fems.org)).

### General Information:

- duration: 1 day
- registration fee: €550/person (minimum 5 persons)
- including trainings material
- optional certificate of achievement with FAA ref. no.: €100
- payments to be made before the workshop, group discount available





## Fundamental Knowledge in Mass Finishing Technology

Main Topics	Description	Duration
- Mass Finishing Techniques – Introduction	Introduction to Mass Finishing Techniques, Mass Finishing – Past and Present, Process Technology, Installation Overview, Performance Comparison, Post Processing Techniques and Process Agents	8:15-9:45 / 90 min.
- Rotary Vibrator	Use and functional principle of rotary vibrators, Configuration, Types of Rotary Vibrators, Dosing Technology, Types of Screens, Separation Techniques, Noise Protection, Special Task machines, Batch rotary vibrators	10:10-12:00 / 105 min.
- Trough Vibrator	Range of applications, Configuration, Integrated Separation Technology, Noise Protection, Compartment dividers, Fixtures & Handling methods, Specialised Systems	13:00-13:20 / 20 min.
- Continuous Flow Installation	Range of applications, Configuration, Variable Workpiece Cycle Time, Separation Technology, Customised Plant Technology	13:20-13:40 / 20 min.
- High Energy Disc System	Application and functionality, Disc System Variation, Annular Gap Adjustment, Preventive Monitoring, Integrated Systems	13:40-14:00 / 20 min.
- Spiral-shaped Continuous Flow Installation	Range of applications, Configuration, Installation and Integration	14:00-14:20 / 20 min.
- Plunge Grinding	Range of applications, Functional Principle, Special Technologies	14:50-15:10 / 20 min.
- Flow Finisher	Range of Applications, Technical Details, Separation Station	15:10-15:25 / 15 min.
- Drag Grinding	Range of Applications, Drag Grinding Technology, Rival Technologies, Non-Contact Finishing	15:25-15:45 / 20 min.
- Long Radius Processing	Range of Applications, Configuration, Technical Details, Automation	15:45-16:00 / 15 min.
- Post Processing Techniques	Overview, Drying Agents, Types of Dryer, Washing/Cleaning/Conservation Technology	16:00-16:40 / 40 min.
- Environmental Technology	Process Water Cleaning, Composition of Waste Water, Installation, Automatic Systems	16:40-17:00 / 20 min.
- Repetition & Questions	Will depend on the specific requirements of the class. Can be used for repetition, questions or preparation for the test.	17:00-17:15/ 15 min.
- Optional Certificate of Achievement	Course material can be used during the test. The test consist of multiple choice questions.	17:15-18:00/ 45 min.



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**Paul Huyton**  
Official MFN Trainer,  
Book Author and  
Director of Course  
Content for the MFN  
Shot Peening Courses

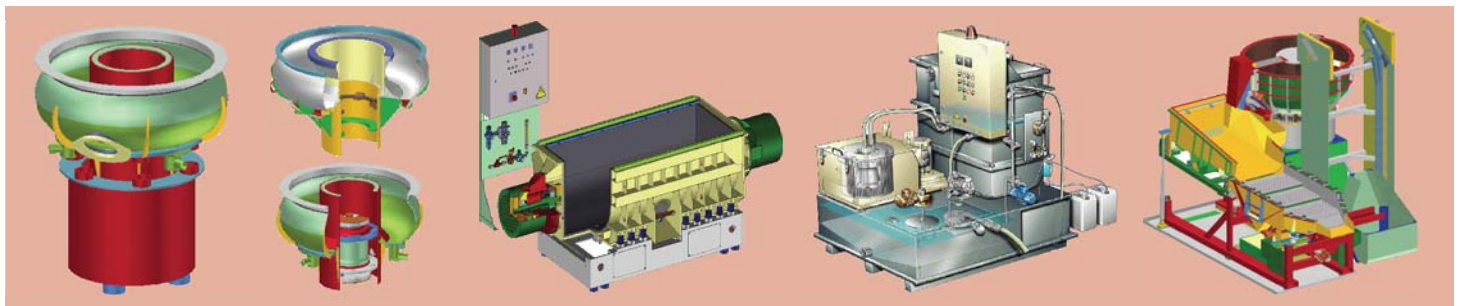


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**Branko Cvetkovic**  
Official MFN Trainer

More details at [www.mfn.li/trainers](http://www.mfn.li/trainers)



MFN is a Partner in Education in Nadcap



MFN is a Media Partner of NACE  
**NACE**  
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MFN is an Official Collaboration Partner of FEMS  
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FEDERATION OF EUROPEAN MATERIALS SOCIETIES



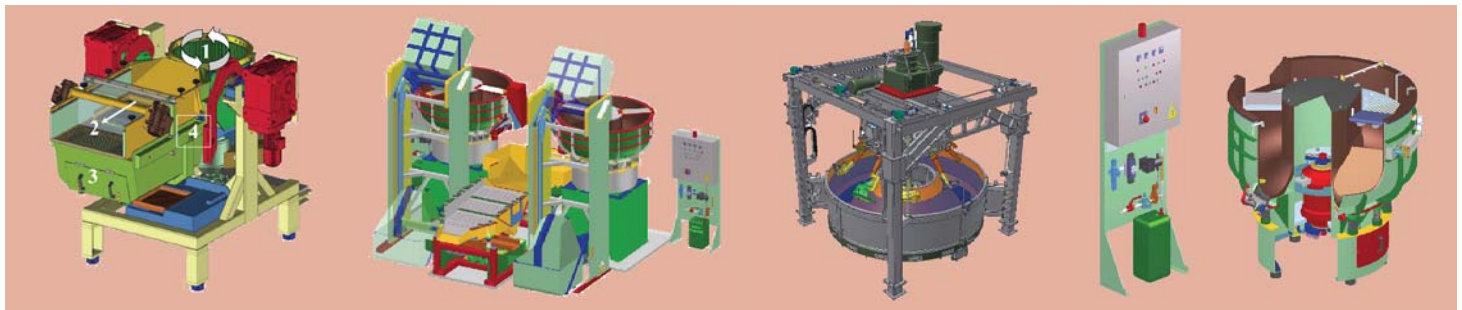
**METAL & STEEL**  
MFN is the Official Cooperation Partner of Metal & Steel



**CHINA SF EXPO**  
www.sf-expo.cn  
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**Registration:**

Name of Person placing the Order:	
Company:	Street:
Postal Code:	City:
Country:	Phone:
E-mail:	Fax:
For Europe only - Company VAT Number:	
Mass Finishing Technology Course:	No. of People ____ x €550 = _____
Optional Test for Certificate of Achievement (FAA recognition pending):	No. of People ____ x €100 = _____
Total for courses and tests: _____	
Travel Expenses of Trainers (economic class ticket, hotel, taxi, expenses): _____	

**Registration fax to +41.44.831 2645 (Switzerland)  
For questions call +41.44.831 2644 or E-mail: info@mfn.li**

Other Topics on Request! Pictures show training centre in Altena, Germany.



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Certificate indicating  
FAA Ref. No.

