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# PROLOGUE.

#### MARBACH ACADEMY. MORE KNOWLEDGE. MORE SKILLS.

Benefit from Marbach. And 100 years of experience.

- In the production of cutting-dies for folding boxes, for corrugated board packaging, and for cigarette packaging.
- In the application of cutting-dies, in die-cutting, in stripping, in blanking and in finishing.

That's what we are experts in.

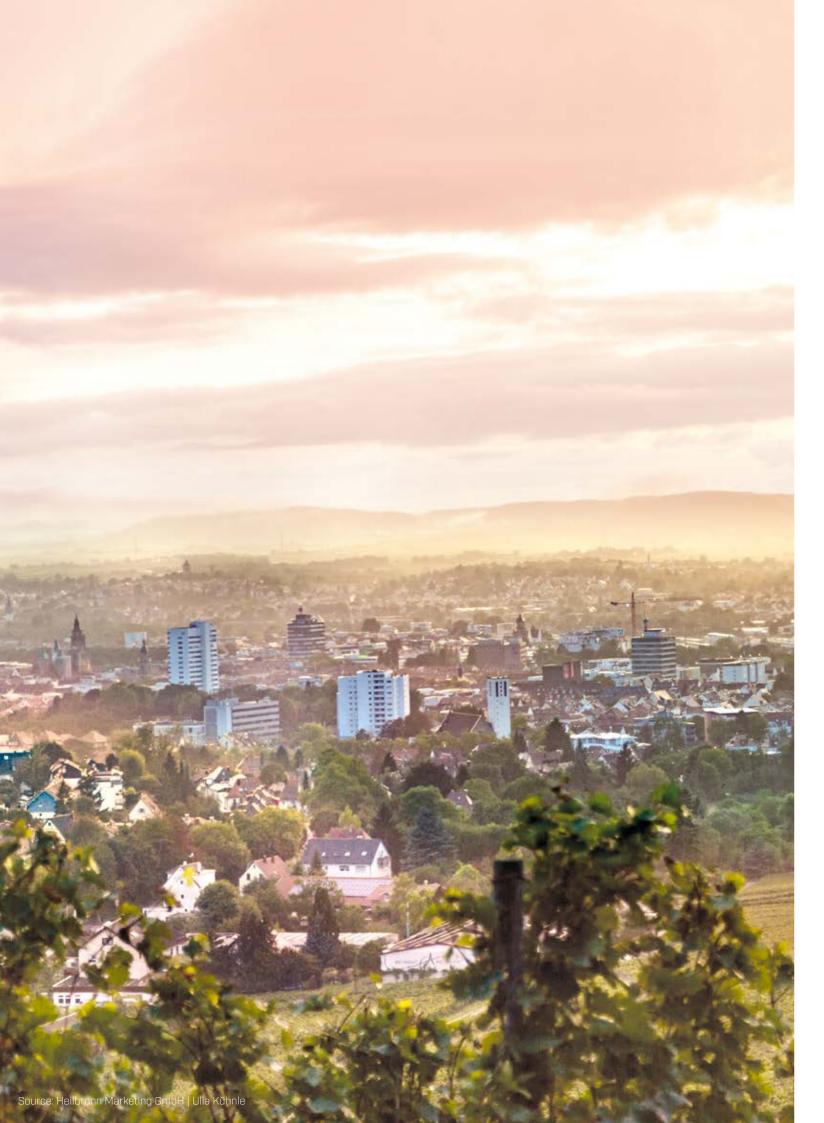
#### MAXIMUM PERFORMANCE.

Under the motto "More knowledge. More skills". We share our experiences with all who want to optimize their die-cutting process and aim for maximum performance in their packaging production. That expects tips and tricks that can be put into practice immediately. And last but not least, they all have the same goal: to optimize the die-cutting process, to work efficiently and productively, to reduce costs and to produce great packaging for success at the point of sale.

#### IN THEORY AND PRACTICE.

All Marbach training courses have one thing in common: they not only teach theoretical knowledge but also show how it can be applied in practice. The courses are taught by trainers who are in the know: application engineers and packaging technicians. All of them have decades of experience in both theory and practice.

On the following pages, you can read the information about the training courses we have to offer. You are sure to find the right training for your needs.



## INTERESTING FACTS.

The training courses take place at the Marbach Academy at the Marbach headquarters in Heilbronn (Germany).

About the Heilbronn region: In addition to good connections to the motorway network and public transportation, this location has a lot to offer. The Marbach company building is situated not far from the Neckar River, in the immediate vicinity of the remains of an old Roman fort, and only a 30-minute walk from the city center. Heilbronn is not only a well-known wine region but also a region with a rich history. Numerous castles bear witness to this exciting time.

#### TRAININGS AND TEAMBUILDING.

We do not only offer training courses. But more than that. **You can use the training courses from** Marbach as a team-building opportunity for your employees.

#### IMPORTANT. SAFETY SHOE DUTY.

Safety shoes are obligatory for all training courses. Just bring your own safety shoes. Or let us know your shoe size in advance in the registration form.





Karl Marbach GmbH & Co. KG | Karl-Marbach-Str. 1 | 74080 Heilbronn

Hannah Kübler | +49 7131 918-490

academy@marbach.com | www.marbach.com

# REGISTRATION.

Please register online at: www.marbach.com/trainings

After we have received your registration, you will receive a confirmation of registration. If the minimum number of participants is not reached, we reserve the right to cancel the course.

#### REGISTRATION DEADLINE.

The deadline for registration is 4 weeks prior to the start date of the course.

#### PAYMENT.

The payment is made by invoice. The terms of payment are 14 days after receipt of the invoice.

#### LEGAL TERMS.

For all bookings, the booking and cancellation conditions on this page apply. By registering for a training course at the Marbach Academy, you accept these as well as the general terms and conditions and the privacy policy of Karl Marbach GmbH & Co. KG. Both can be found on the Internet: www.marbach.com/ terms\_academy | www.marbach.com/privacy.

#### CANCELLATION.

It is possible to cancel your registration free of charge up to 28 calendar days before the course begins. In case of later cancellation, Marbach can charge 50 % of the course fee plus VAT. In the event of cancellation less than 14 working days prior to the start date of the course or if the participant fails to attend, Marbach may charge the full amount of the course fee. This does not apply if the cancelling company provides a substitute participant.

Marbach reserves the right to cancel an event if the required minimum number of participants is not reached or if organizational or technical reasons make it impossible to conduct the training.

#### PARTICIPATION CERTIFICATE.

After participating in a Marbach training course, attendees will receive a certificate of participation.

#### COURSE FEE.

All prices are net prices and do not include the applicable rate of VAT. The prices include participation in the seminar, the seminar documents, accommodation costs and meals. Travel costs are not included in the price.











#### TRAINING CENTER.

All training courses are held in a separate building, the Marbach Academy.

Only a few steps away is the modern production facility for die-cutting, stripping and blanking tools. This is where tools are manufactured for the global folding carton, cigarette and corrugated board industries.

#### DIE-CUTTER.

The Marbach Academy training courses take place on a die-cutting machine (102-106 format). Cardboard and corrugated board up to 4 mm thick can be processed on this machine.

The practical part of the rotary die-cutting trainings is partly carried out on a Göpfert rotary die-cutter.

#### TRAINING ROOM.

The training courses at the Marbach Academy not only provide participants with knowledge but also practical skills.

The theoretical basics for the practical part of the training courses are taught in the training room.

#### QUALITY CONTROL.

In the training room of the Marbach Academy, there is a station where you can experience the use of quality control equipment for live packaging tests.

The crease bend tester allows you to see how the creasing values of a blank can be checked safely, easily and quickly.



12 PAPERBOARD.

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# COMPACT COURSE PAPERBOARD. DIE-CUTTING AND FINISHING.

#### COURSE REF. P-COMP-EN

#### Description.

In this compact course on paperboard, participants receive practical insights into the paperboard die-cutting process in **1.5 days**. The extensive practical part (approx. 60%) takes place at our die-cutting machine Eterna eCut 1060Elite, and the theoretical part (approx. 40%) in the modern premises of the Marbach Academy. Experienced technicians and trainers provide important information on the topics of die-cutting, stripping, blanking and finishing of paperboard. Of course, always at the current state of the art. The focus is on performance, product quality and productivity - with many practical tips for everyday work.

#### Contents: Theory and Practice.

- » A brief introduction to materials and their effects on the die-cutting process.
- » Die-cutting machine. Safety instructions. Machine technology. Stations.
- » Production-oriented packaging development.
- » Presentation of tool package. Target state.
- » Dieboard, rubbering, finishing and embossing, milled steel counter plate, reverse cutting.
- » Profile and effect rubbering.
- » Nicks, changing systems and marbanick 2+.
- » Efficient tool package make-ready. Pressure balancing, cutting pressure and make-readv.
- » Dynamic stripping and effective blanking.
- » Calibration tool, universal sheet delivery, performance package, CONNECT|M.
- » Challenges in practice, solutions, tips and tricks from practical experiences.

#### Target group.

This seminar is an **advanced course** for employees in the packaging industry - such as machine operators, designers, packaging developers, shift supervisors, production managers and plant managers - who want to refresh, deepen and broaden their knowledge. It offers the ideal opportunity to consolidate existing knowledge and develop skills in a targeted way. The aim is to improve performance and optimize workflows – an indispensable course for anyone who wants to expand their expertise.

#### After the training.

The participants are up to date with the latest die-cutting technology:

- » They will leave with an overview of the latest technology and how to use it to maximize productivity and improve the quality of their die-cut blanks and packaging.
- » They will be able to effectively apply finishing technologies such as embossing or reverse cutting with minimal effort and downtime.

#### Duration:

1.5 days

Arrival on the day before: Start with a joint dinner at 6:30 p.m.

#### Dates:

30.09-01.10.2025 (Arrival 29.09.)

#### Location:

Marbach Academy (Training center) Karl-Marbach-Str. 1 74080 Heilbronn

#### Number of participants: 4-8 people

Cost per participant:

1.195 €

including accommodation, full board, seminar documents and Marbach certificate



# INTENSIVE COURSE PAPERBOARD. MACHINE OPERATOR QUALIFICATION.

#### COURSE REF. P-INT-EN

#### Description.

In this intensive paperboard course, participants receive practical and very in-depth insights into the paperboard die-cutting process in 4.5 days. The extensive practical part (approx. 70%) takes place at our die-cutting machine Eterna eCut 1060Elite, and the theoretical part (approx. 30%) in the modern premises of the Marbach Academy. Experienced technicians and trainers provide important information on the topics of die-cutting, stripping, blanking and finishing of paperboard. Of course, always at the current state of the art. The focus is on performance, product quality and productivity - with many practical tips for everyday work.

#### Contents: Theory and Practice.

- » A brief introduction to materials and their effects on the die-cutting process.
- » Die-cutting machine. Safety instructions. Machine technology. Stations.
- » Introducing the demo tool package. Target state.
- » Care, maintenance and repair of the tool package and machine.
- » Counter plate. Creasing matrixes, rillma and milled steel counter plates.
- » Nicks for sheet transport and waste protection.
- » Efficient make-ready process for the demo tool package when used for the first time and for repeat jobs.
- » Pressure balance, cutting pressure, area and fine make-ready.
- » Dynamic stripping and effective blanking.
- » Challenges in practice, die-cutting errors, solutions, tips and tricks from practical experiences.

#### Target group.

This intensive seminar is aimed at newcomers and career changers in the packaging industry who want to build up basic knowledge and work on a diecutting machine. But it is also aimed at machine operators who want to expand their knowledge and develop their skills. It provides basic knowledge for the safe handling of materials, machines and tools to ensure maximum performance, high product quality and minimal machine downtime. Under the guidance of experienced technicians, participants learn how to efficiently set up and prepare jobs independently. This is an indispensable course for developing skills and knowledge.

#### After the training.

The participants are up to date with the latest die-cutting technology:

- » They can independently, professionally and efficiently put a tool package into operation, both for initial and repeat orders.
- » They have an overview of the latest technologies and can apply their knowledge in a targeted manner to ensure high productivity and quality of their die-cut blanks and packaging.
- » They can successfully apply their detailed knowledge of paperboard die-cutting in practice.

#### Duration: 4.5 days

01.-05.12.2025 (Arrival 30.11.)

#### Location:

Marbach Academy (Training center) Karl-Marbach-Str. 1 74080 Heilbronn

Number of participants: 4-6 people

#### Cost per participant: 3.900€

including accommodation, full board, seminar documents and Marbach certificate



# COMPACT COURSE PAPERBOARD. **CUTTING-DIE REPAIR.**

#### COURSE REF. P-REP-FLAT-EN

#### Description.

In this compact course, participants receive practical insights into the care, maintenance and repair of flatbed cutting-dies and tool packages for folding boxes in just **1.5 days**. The extensive practical part (approx. 70%) takes place in our **training center** and the theoretical part (approx. 30%) in the modern premises of the Marbach Academy. Experienced technicians and trainers provide important information on the topics of care, maintenance and repair of flatbed cutting-dies. Of course, always at the current state of the art. The focus is on performance, product quality and productivity - with many practical tips for everyday work.

#### Contents: Theory and Practice.

- » A brief introduction to materials and their effects on the die-cutting process.
- » The tools and equipment needed for maintenance, care and repair.
- » Changing simple rule contours with little effort by yourself.
- » Rubbering. Type and function.
- » Correct storage and in-house transport of flatbed tool packages.
- » Challenges in practice, solutions, tips and tricks from practical experiences.

#### Target group.

This seminar is an advanced course for employees in the packaging industry who work in maintenance and tool make-ready, as well as machine operators who want to refresh, deepen and expand their knowledge. It offers the ideal opportunity to consolidate existing knowledge and develop skills in a targeted way. The aim is to increase performance and optimize workflows - an indispensable course for anyone who wants to expand their expertise.

#### After the training.

The participants are up to date with the latest technology for repairing folding

- » They can successfully apply their newly acquired knowledge.
- » They can carry out maintenance, care and simple repairs independently in-house.

#### Duration:

1.5 days

Arrival on the day before: Start with a joint dinner at 6:30 p.m.

#### Dates:

on request

#### Location:

1.195 €

Marbach Academy (Training center) Karl-Marbach-Str. 1 74080 Heilbronn

#### Number of participants: 1-5 people

#### Cost per participant:

including accommodation, full board, seminar documents and Marbach certificate



# COMPACT COURSE PAPERBOARD. FOR PAPERBOARD MANUFACTURERS.

#### **COURSE REF. P-PBM-EN**

#### Description.

In this compact course for paperboard manufacturers, participants receive hands-on insights into the die-cutting process for paperboard packaging over two days. The practical part takes place on our Eterna eCut 1060Elite diecutting machine, while the theoretical part is held in the modern facilities of the Marbach Academy. Experienced technicians and trainers provide essential information on topics such as die-cutting, stripping, blanking, and enhancing paperboard packaging – always aligned with the latest technology. This training focuses on the effects of paperboard during the die-cutting of packaging with many practical tips for everyday work.

#### Contents: Theory and Practice.

- » Die-cutting machine. Safety instructions. Machine technology. Stations.
- » The die-cutting process and its components.
- » Cutting-die. Dieboards. Rules. Rubbering.
- » Counter plate. rillma. steel counter plate.
- » Stripping tools. Stripping with lower pins. Dynamic stripping. masterstrip|plate.
- » Blanking tool. Blanking with double knife or with single knife.
- » Special technologies: Digital zone levelling, mpower+, Embossing, Braille. Reverse-cutting.
- » Quality assurance. Influence of board material on die-cutting technologies.
- » Training on the die-cutting machine.
- » Presentation of various tool packages.
- » Setting up a tool package on the die-cutting machine. Die-cutting. Stripping. Blanking.
- » Use of special techniques and their advantages.
- » Quality control. Measuring folding resistance.
- » Identifying the causes of cutting hair and other packaging defects. Cracked scores.

#### Target group.

This seminar is aimed at employees in sales, customer service and technical development at paperboard manufacturers. An indispensable course to get a quick and compact overview of the die-cutting process.

#### After the training.

The participants have an overview of the die-cutting process:

- » They know what happens during die-cutting and how the paperboard material influences the die-cutting result.
- » They can provide better advice to their customers so that they achieve optimal results.

#### Duration:

2 days

Arrival on the day before: Start with a joint dinner at 6:30 p.m.

#### Dates:

on request

#### Location:

Marbach Academy (Training center) Karl-Marbach-Str. 1 74080 Heilbronn

Number of participants: 4-8 people

#### Cost per participant: 1,500€

including accommodation, full board, seminar documents and Marbach certificate

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# INTENSIVE COURSE CIGARETTE PACKAGING. OFFLINE DIE-CUTTING.

#### **COURSE REF. T-INT-EN**

#### Description.

In this intensive cigarette packaging course, participants receive practical and in-depth insights into the process of die-cutting cigarette packaging in just four days. The extensive practical part (approx. 70%) takes place at our diecutting machine Eterna eCut 1060Elite, while the theoretical part (approx. 30%) takes place in the modern premises of the Marbach Academy. Experienced technicians and trainers provide important information on the topic of productivity when die-cutting and creasing cigarette packaging. All of which is, of course, always based on the latest technology. The focus is on performance, product quality and productivity – with many practical tips for everyday work.

#### Contents: Theory and Practice.

- » Die-cutting machine. Safety instructions. Machine technology. Stations.
- » Basics of die-cutting.
- The die-cutting process. Nicks. Rubbering.
- The stripping process.
- The blanking process.
- Special techniques.
- » Creasing basics.
- The creasing process.
- Creases. Round corner. Hinge lid. Bevel edge.
- Creasing parameters and their effects.
- Quality control devices and their importance in the production of cigarette packaging.
- » Challenges of foil-coated paperboard materials.
- » Technologies for highest productivity.
- » Training on the die-cutter.
- » Influencing factors on die-cutting and creasing process.
- » Die-cutting. Stripping. Blanking.
- » Setting up high-tech duramar performance die-cutting tools and crease plate dies.
- » Crease bend tester.

#### Target group.

This intensive seminar is aimed at machine operators who want to expand their knowledge and develop their skills. It teaches theoretical and practical knowledge on the topics of die-cutting and creasing cigarette packaging. An indispensable course for immediately increasing productivity and optimizing packaging design.

#### After the training.

The participants are up to date with the latest die-cutting technology:

- » They have expert knowledge in the fields of die-cutting and creasing.
- » They increase productivity in the production of packaging.
- » They can use high-tech tools optimally.

#### **Duration:** 4 days

#### Dates:

25.-29.08.2025 (Arrival 24.08.)

#### Location:

(Training center) Karl-Marbach-Str. 1

# Number of participants:

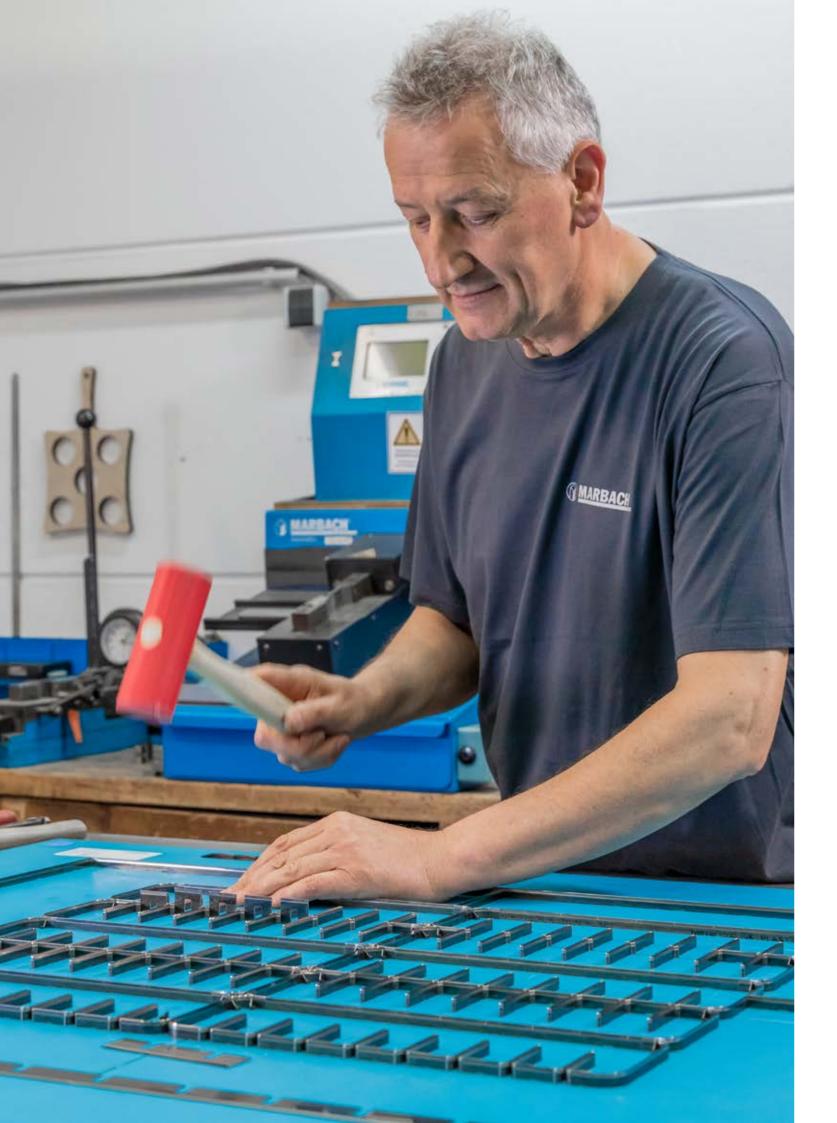
#### Cost per participant: 3.500€

including accommodation, full board, seminar documents and

26 CORRUGATED BOARD.

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# BASIC COURSE CORRUGATED BOARD. FLAT AND ROTARY DIE-CUTTING.

#### COURSE REF. C-BASIC-EN

#### Description.

In the **1.5-day** basic course in corrugated board die-cutting technology, participants gain practical insights into the corrugated board die-cutting process (flat and rotary). The extensive practical part (approx. 60%) takes place at our die-cutting machine Eterna eCut 1060Elite, while the theoretical part (approx. 40%) takes place in the modern premises of the Marbach Academy. Experienced technicians and trainers provide important information about the rotary and flatbed die-cutting processes for corrugated board. All of which is, of course, always based on the latest technology. The focus is on performance, product quality and productivity – with many practical tips for everyday work.

#### Contents: Theory and Practice.

- » A brief introduction to materials and their effects on the die-cutting process.
- » Die-cutting machine. Safety instructions. Machine technology. Stations.
- » Production-oriented packaging development: flat and rotary.
- » Introduction to the flat and rotary tool package. Target state.
- » Profile and effect rubbering. marbacover 2.0 system.
- » Possibilities for finishing packaging in the flatbed and rotary die-cutting
- » Which cutting principle should I use for which blanks and packaging?
- » Advantages and disadvantages, limitations of flat and rotary.
- » RDC (rotary die cutter) and FFG (flexo folder gluer).
- » Challenges in practice, solutions, tips and tricks from practical experiences.

#### Target group.

This seminar is a **basic course** and is aimed at **employees in the packaging** industry in internal sales or field service, commercial or business apprentices, quality management, etc., who want to expand and deepen their knowledge.

#### After the training.

The participants are up to date with the latest developments in die-cutting technology for flat and rotary corrugated board:

- » They have an overview of the state of the art.
- » They can use special techniques to increase productivity and improve the quality of their die-cut blanks and packaging.

#### Duration:

1.5 days

#### Dates:

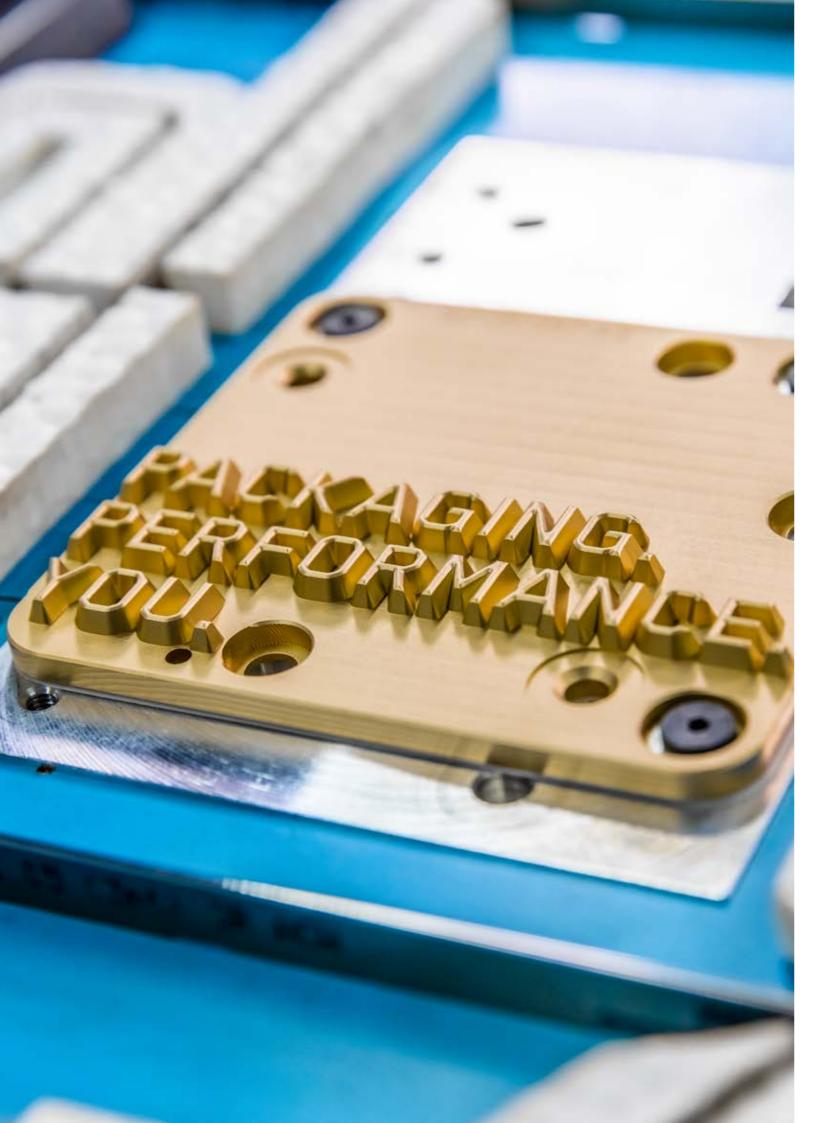
#### Location:

(Training center)

Number of participants:

#### Cost per participant:

including accommodation, full board, seminar documents and



# COMPACT COURSE CORRUGATED BOARD. DIE-CUTTING & FINISHING.

#### COURSE REF. C-COMP-EN

#### Description.

In this compact course on corrugated board, participants receive practical insights into the process of die-cutting corrugated board in 1.5 days. The extensive practical part (approx. 60%) takes place at our die-cutting machine **Eterna eCut 1060Elite**, and the theoretical part (approx. 40%) in the modern premises of the Marbach Academy. Experienced technicians and trainers provide important information on the topics of die-cutting, stripping, blanking and finishing of corrugated board. Of course, always at the current state of the art. The focus is on performance, product quality and productivity - with many practical tips for everyday work.

#### Contents: Theory and Practice.

- » A brief introduction to materials and their effects on the die-cutting process.
- » Die-cutting machine. Safety instructions. Machine technology. Stations.
- » Production-oriented packaging development.
- » Presentation of tool package. Target state.
- » Dieboard, rubbering, finishing and embossing, milled steel counter plate, reverse cutting.
- » Profile and effect rubbering. marbacover 2.0 system.
- » Nicks, changing systems and marbanick 2+.
- » Efficient make-ready of a tool package. Pressure balance, cutting pressure and make-ready.
- » Dynamic stripping and effective blanking.
- » Calibration tool, universal sheet delivery, performance package, CONNECT|M.
- » Challenges in practice, solutions, tips and tricks from practical experiences.

#### Target group.

This seminar is an **advanced course** for packaging industry **employees** - including machine operators, designers, packaging developers, shift supervisors, production managers and plant managers - who want to refresh, deepen and broaden their knowledge. It is the ideal opportunity to consolidate existing knowledge and develop skills in a targeted way. The aim is to improve performance and optimize workflows – an essential course for anyone looking to expand their expertise.

#### After the training.

The participants are up to date with the latest die-cutting technology:

- » They will have an overview of the latest technology and be able to apply their knowledge in a targeted way to increase productivity and improve the quality of their die-cut blanks and packaging.
- » They will be able to effectively apply embellishing technologies such as embossing or reverse cutting - with minimal effort and downtime.

#### Duration:

Arrival on the day before: Start

#### Dates:

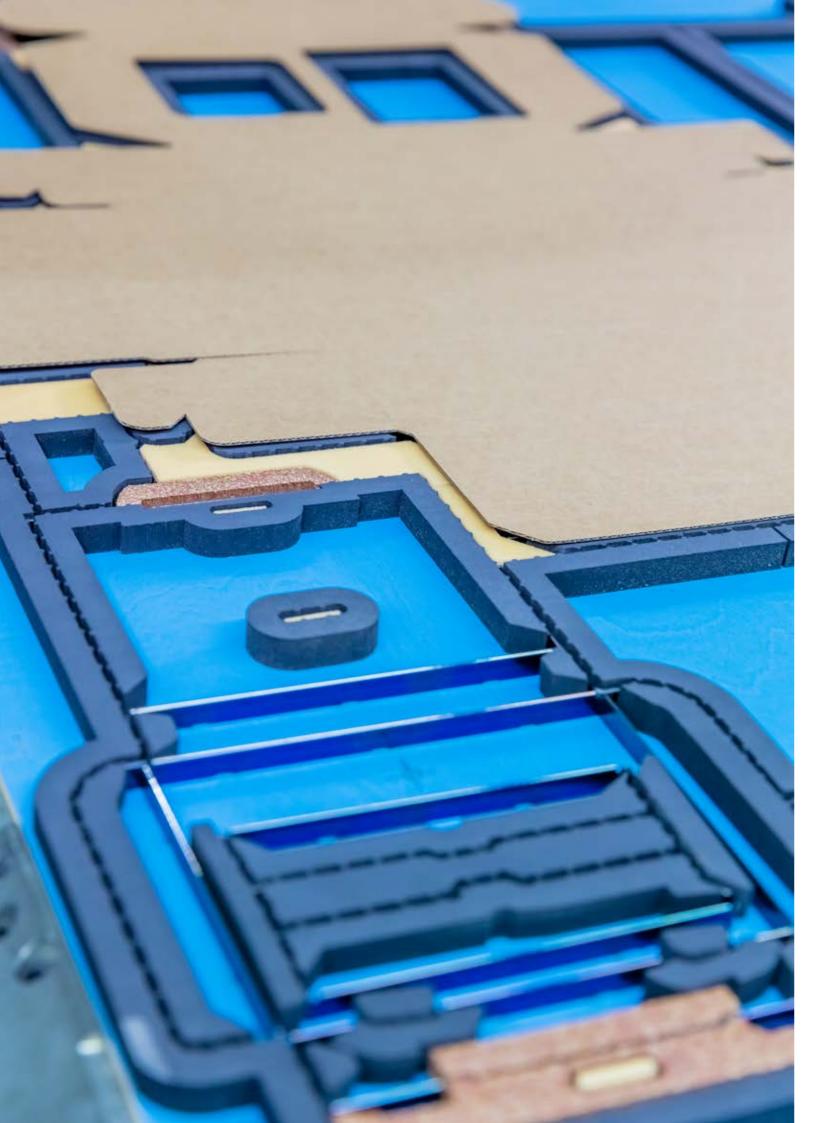
#### Location:

Number of participants:

#### Cost per participant:

ncluding accommodation, full board, seminar documents and

> Available in English, French and German.



# INTENSIVE COURSE CORRUGATED BOARD. MACHINE OPERATOR QUALIFICATION.

#### COURSE REF. C-INT-EN

#### Description.

In this intensive corrugated board course, participants receive practical and very in-depth insights into the process of die-cutting corrugated board in **4.5 days.** The extensive practical part (approx. 70%) takes place at our **die-cutting machine Eterna eCut 1060Elite**, and the theoretical part (approx. 30%) in the modern premises of the Marbach Academy. Experienced technicians and trainers provide important information on the topics of die-cutting, stripping, blanking and finishing of corrugated board. Of course, always at the current state of the art. The focus is on performance, product quality and productivity – with many practical tips for everyday work.

#### Contents: Theory and Practice.

- » A brief introduction to materials and their effects on the die-cutting process.
- » Die-cutting machine. Safety instructions. Machine technology. Stations.
- » Introducing the demo tool package. Target state.
- » Care, maintenance and repair of the tool package.
- » Counter plate. Creasing matrixes, rillma and milled steel counter plates.
- » Nicks for sheet transport and waste protection.
- » Efficient set-up process for the demo tool package when used for the first time and for repeat jobs.
- » Pressure balance, cutting pressure, surface and fine make-ready.
- » Dynamic stripping and effective blanking.
- » Challenges in practice, die-cutting errors, solutions, tips and tricks from practical experiences.

#### Target group.

This intensive seminar is aimed at newcomers and career changers in the packaging industry who want to build up basic knowledge and work on a diecutting machine. But it is also aimed at machine operators who want to expand their knowledge and develop their skills. It provides basic knowledge for the safe handling of materials, machines and tools to ensure maximum performance, high product quality and minimal machine downtime. Under the quidance of experienced technicians, participants learn how to efficiently set up and prepare jobs independently. An essential course to develop your skills and knowledge.

#### After the training.

The participants are up to date with the latest die-cutting technology:

- » They can commission a tool package independently, professionally and efficiently, both for initial and repeat orders.
- » They have an overview of the latest technology and can apply their knowledge in a targeted manner to ensure high productivity and quality of their die-cut blanks and packaging.
- » They can successfully apply their detailed knowledge of die-cutting corrugated board in practice.

# Duration:

### Dates:

#### Location:

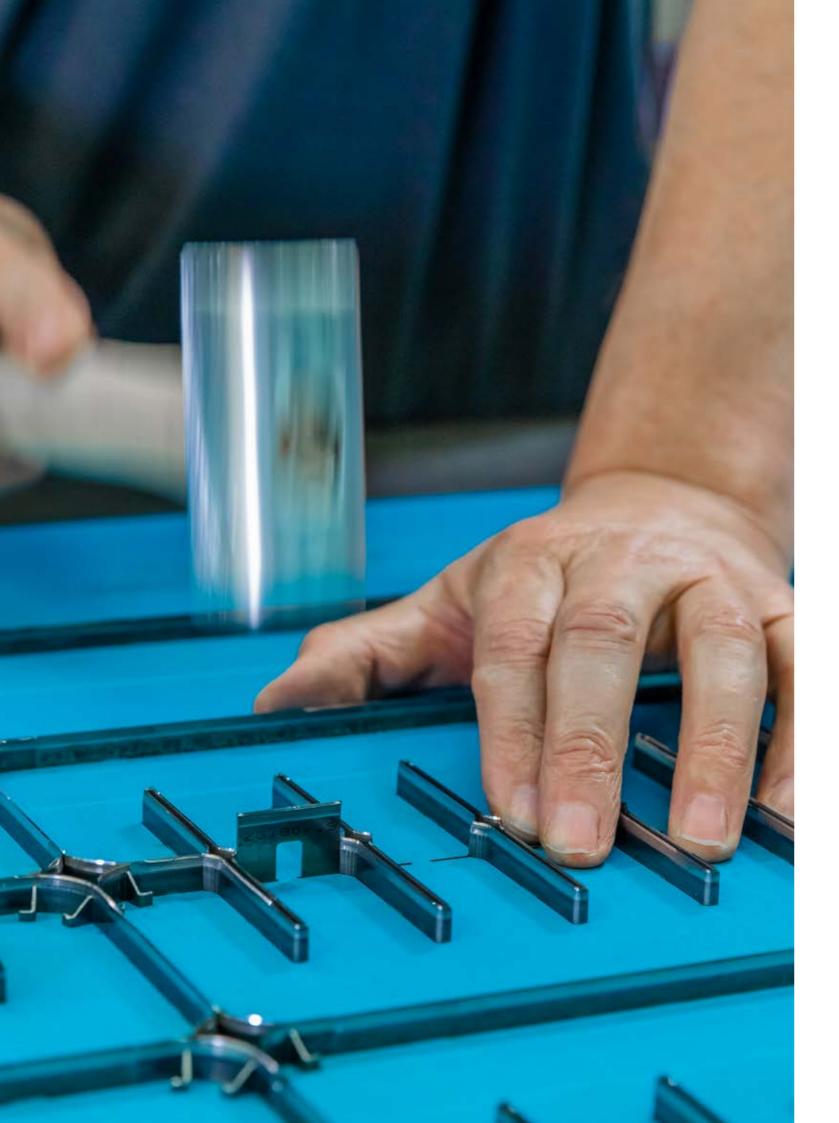
Karl-Marbach-Str. 1

Number of participants:

#### Cost per participant: 3.900€

ooard, seminar documents and

Available in English. French and German.



# COMPACT COURSE CORRUGATED BOARD. **CUTTING-DIE REPAIR FLATBED.**

#### COURSE REF. C-REP-FLAT-EN

#### Description.

In this compact course, participants receive practical insights into the care, maintenance and repair of flatbed cutting-dies and tool packages for corrugated board in just **1.5 days**. The extensive practical part (approx. 70%) takes place in our **training center**, while the theoretical part (approx. 30%) is held in the modern premises of the Marbach Academy. Experienced technicians and trainers provide important information on the care, maintenance and repair of flatbed cutting-dies for corrugated board. Of course, always at the current state of the art. The focus is on performance, product quality and productivity with many practical tips for everyday work.

#### Contents: Theory and Practice.

- » A brief introduction to materials and their effects on the die-cutting process.
- » The necessary tools and equipment for maintenance, care and repair.
- » Change simple rule contours by yourself with little effort.
- » Rubbering. Type and function.
- » Correct storage and in-house transport of flatbed tool packages.
- » Challenges in practice, solutions, tips and tricks from practical experiences.

#### Target group.

This seminar is an **advanced course** for **employees in the packaging industry** who work in maintenance and tool make-ready, as well as machine operators who want to refresh, deepen and expand their knowledge. It offers the ideal opportunity to consolidate existing knowledge and develop skills in a targeted way. The aim is to increase performance and optimize workflows - an indispensable course for anyone who wants to expand their expertise.

#### After the training.

The participants are up to date with the latest technology for repairing corrugated board tools:

- » They can successfully apply their newly acquired knowledge.
- » They can carry out maintenance, care and simple repairs independently in-house.

#### Duration:

1.5 days

#### Dates:

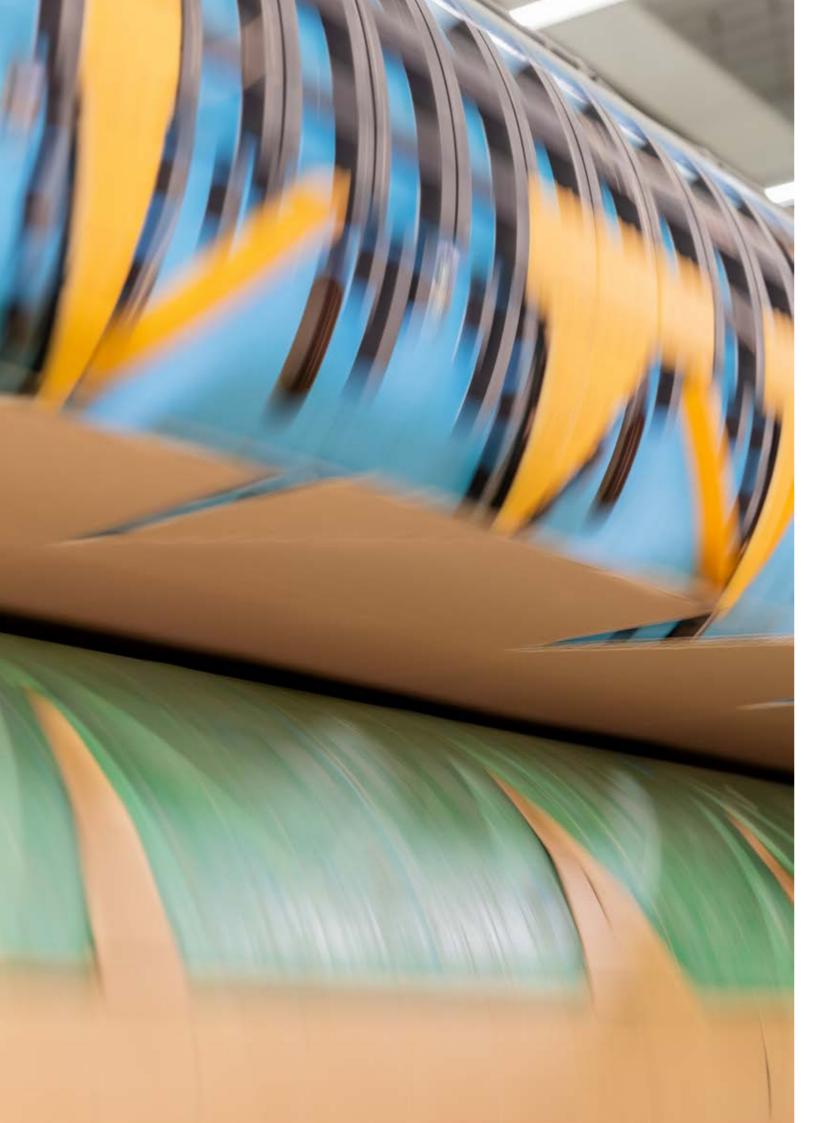
#### Location:

(Training center)

Number of participants:

#### Cost per participant:

including accommodation, full board, seminar documents and



COMPACT COURSE CORRUGATED BOARD. **ROTARY DIE-CUTTING.** 

#### COURSE REF. C-ROT-COMP-EN

#### Description.

In this compact course, participants receive practical insights into the process of rotary die-cutting in 2 days. The special thing about this seminar is: the cooperation between **Marbach and Göpfert**. The extensive practical part (approx. 60%) takes place at a **Göpfert rotary die-cutter**, and the theoretical part (approx. 40%) in the modern premises of the Marbach Academy. Experienced technicians and trainers provide important information about all aspects of rotary die-cutting, including waste removal. Always state-of-the-art, of course. The focus is on performance, product quality and productivity – with many practical tips for everyday work.

#### Contents: Theory and Practice.

- » A brief introduction to materials and their effects on the die-cutting process.
- » Die-cutting machine. Safety instructions. Machine technology. Stations.
- » Production-oriented packaging development.
- » Demo tool package, Target state, Maintenance, care and repair of the tool package and machine.
- » Profile and effect rubbering. marbacover 2.0 system.
- » Nicks and nick systems.
- » Efficient tool package set-up process.
- » Dynamic stripping and effective waste removal.
- » Anvil.
- » Challenges in practice, solutions, tips and tricks from practical experiences.

#### Target group.

This seminar is an **advanced course** for **employees in the packaging industry** - including machine operators, designers, packaging developers, shift supervisors, production managers and plant managers - who want to refresh, deepen and broaden their knowledge. It offers the ideal opportunity to consolidate existing knowledge and develop skills in a targeted way. The aim is to improve performance and optimize workflows - an indispensable course for anyone who wants to expand their expertise.

#### After the training.

The participants are up to date with the latest rotary die-cutting technology:

» They have an overview of the state of the art and can apply their knowledge in a targeted manner to increase productivity and improve the quality of their die-cut blanks and packaging.

#### **NEW!**

In cooperation with Göpfert. Practical training on a Göpfert rotary die-cutter.

#### Duration:

a joint dinner at 12:00 p.m.

#### Dates:

#### Location:

#### Göpfert Maschinen GmbH

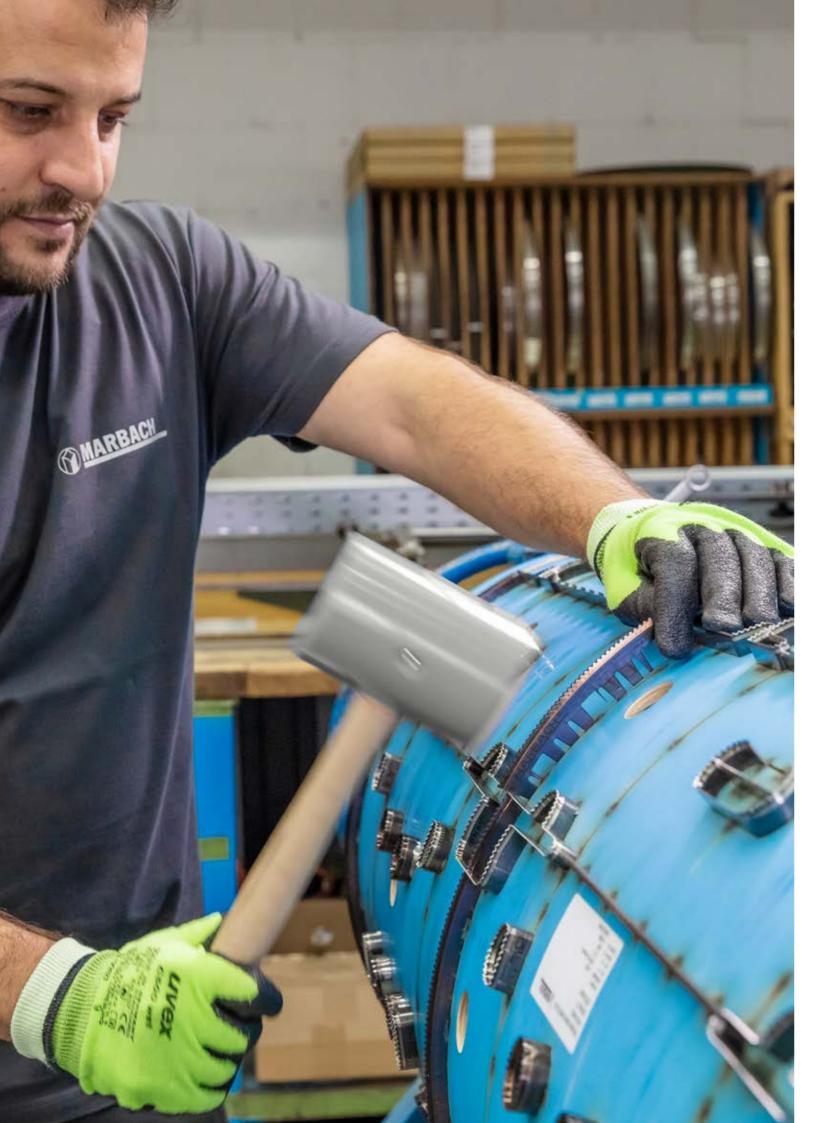
97353 Wiesentheid

#### Number of participants:

## Cost per participant:

ncluding accommodation, full board, seminar documents and

> Available in English, French and German.



# COMPACT COURSE CORRUGATED BOARD. **CUTTING-DIE REPAIR ROTARY.**

#### COURSE REF. C-REP-ROT-EN

#### Description.

In this compact course, participants receive practical insights into the care, maintenance and repair of rotary cutting-dies for corrugated board in 1.5 days. The extensive practical part (approx. 70%) takes place in our training center, while the theoretical part (approx. 30%) is held in the modern premises of the Marbach Academy. Experienced technicians and trainers provide important information on the care, maintenance and repair of rotary cutting-dies for corrugated board. Of course, always at the current state of the art. The focus is on performance, product quality and productivity - with many practical tips for everyday work.

#### Contents: Theory and Practice.

- » A brief introduction to materials and their effects on the die-cutting process.
- » Rotary die-cutting machine. RDC / Rotary die cutter, Inline and Flexo Folder
- » Production-oriented packaging development rotary.
- » Introduction to rotary tool package. Target state.
- » The necessary tools and equipment for maintenance, care and repair.
- » Easily replace simple rule contours yourself with little effort.
- » Type and function of rubbering.
- » Profile and effect rubber coatings. marbacover 2.0 system.
- » Correct storage and transportation within the company.
- » Challenges in practice, solutions, tips and tricks from practical experiences.

#### Target group.

This seminar is an advanced course for employees in the packaging industry who work in maintenance and tool make-ready, as well as machine operators who want to refresh, deepen and broaden their knowledge. It offers the ideal opportunity to consolidate existing knowledge and develop skills in a targeted way. The aim is to improve performance and optimize workflows – an indispensable course for anyone who wants to expand their expertise.

#### After the training.

The participants are up to date on the topic of repairing rotary cutting-dies for corrugated board:

- » They can successfully apply their newly acquired knowledge.
- » They can independently carry out maintenance, care and repairs in-house.

#### Duration:

1.5 days

#### Dates:

#### Location:

(Training center)

Number of participants:

#### Cost per participant:

including accommodation, full board, seminar documents and

40 INDIVIDUAL. 41

# DUA



# INDIVIDUAL TRAINING COURSES.

#### COURSE REF. M-IND-EN

If you haven't found the right course for you, then we suggest booking an individual course.

Simply book an individual course. You can put together a class for your team, perfectly tailored to your needs, from the many different modular elements.

Just tell us what kind of content you need. Together we'll find a date and you can send your team to the Marbach Academy for one or more days of training.

For more knowledge. And more skills.

Interested? Then contact us at academy@marbach.com.

Module 1.

Die-cutting machine check.

Module 2.

Die-cutting basics.

Module 3. Creasing basics.

Module 4. Reverse cutting.

> Module 5. Embossing.

Module 6. Make-ready.

Module 7. Stripping.

Module 8. Blanking.

Module 9. Set-up time reduction.

Module 10.

Die-cutting problems.

Your desired topic.

Cost per participant:



# SERVICES AROUND PACKAGING.

#### For your Performance.

Your performance is our goal. That's why we are offering you training courses. But that's not all. We will also support you with packaging design services.

#### Marbach Performance Package.

If you want to check and optimize your die-cutting process, then the Marbach Performance Package is perfect for you! We come to your company, analyze your processes directly on your machine and also look at the die-cutting environment. And we provide you with a concept for optimization.

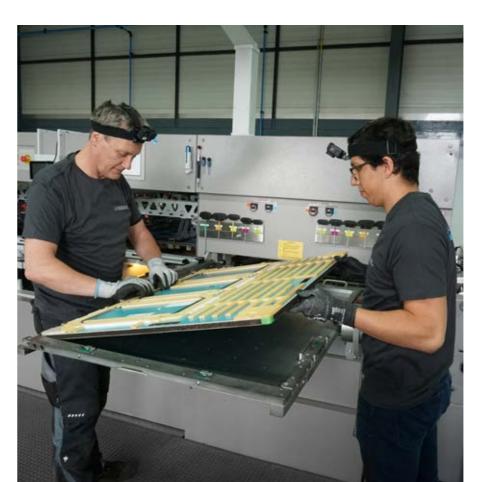
With the Performance Package, you can significantly increase your productivity and thus permanently save time and costs. Take advantage of our expertise and benefit from an increase in your productivity in the long term.

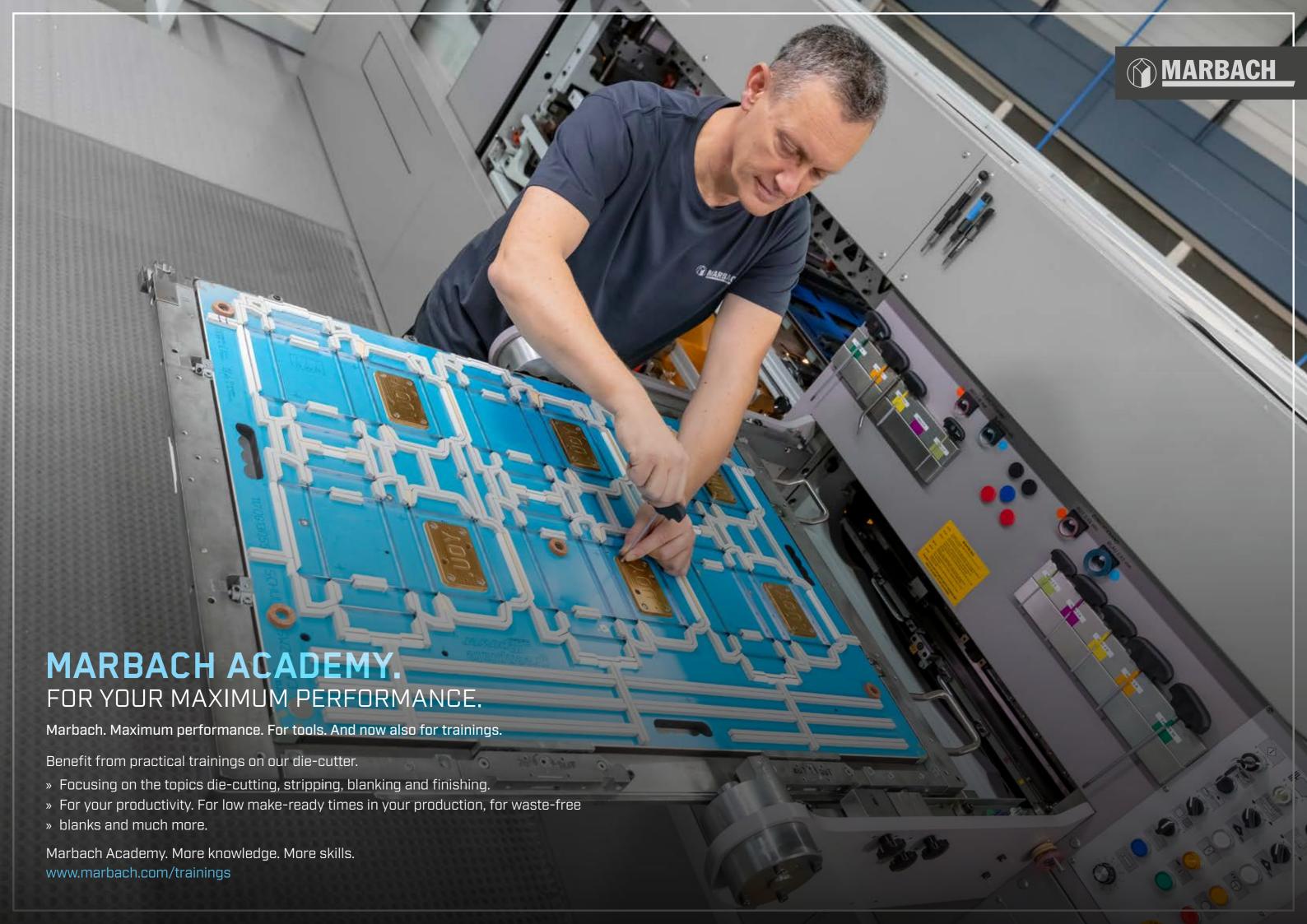
#### CONNECT|M.

Our CONNECT|M system solution with its special hardware components. Cameras, sensors and QR codes ensure the cloud-based, digital connection of the cutting-die, die-cutting machine and user. This enables performance tracking and efficient tool management in your production.

Because CONNECT|M - like a fitness tracker - provides numerous performance data in real-time. This allows you to automatically and digitally collect key figures during the production of your packaging, define target values and measure target achievement based on the numerical evaluations, thus optimizing your performance step by step.

More information about our products and services can be found here: https://experience.marbach.com/en/





#### Marbach-Gruppe

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PACKAGING.
PERFORMANCE.

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