



MARBACH

2024.

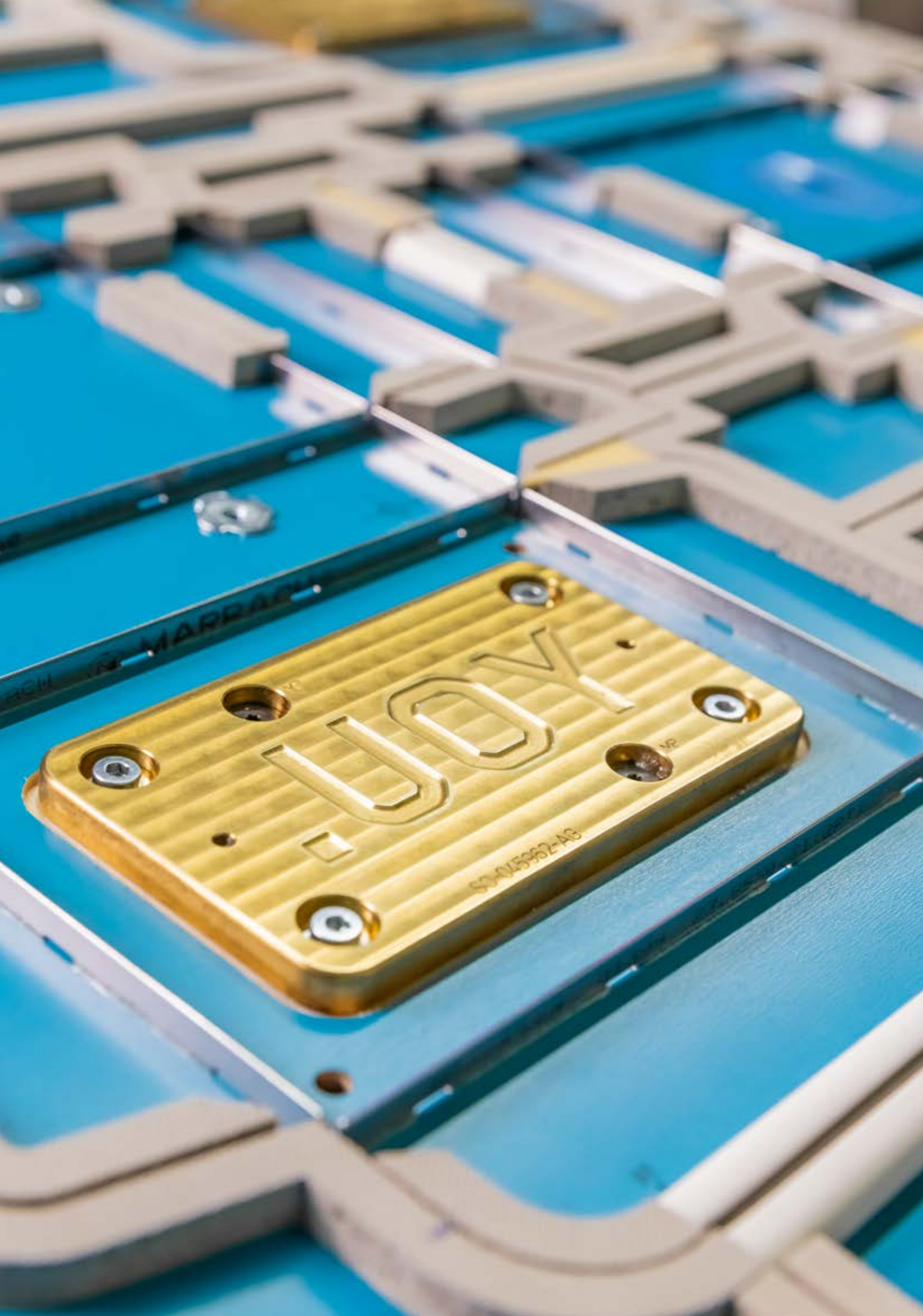
MARBACH ACADEMY.

MORE KNOWLEDGE. MORE SKILLS.

**PACKAGING.
PERFORMANCE.
YOU.**

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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 cigarette packaging.
- In the application of cutting-dies. In die-cutting. In stripping. In blanking. And refining.

That's what we are experts in.

MAXIMUM PERFORMANCE.

Under the motto "More knowledge. More skills." we share our experience. With all who want to optimize their die-cutting process. Aim for maximum performance in the production of their packaging. That expect tips and tricks that can be put into practice immediately. And last but not least, have all 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 trainings have one thing in common: they do not only provide theoretical knowledge. But always show the application in practice. Operated by trainers who have to know it: Application engineers and packaging technicians. All of them with decades of experience. In theory and practice.

Read on the following pages what training courses we can provide you.



INTERESTING FACTS.

HEILBRONN REGION.

All training courses of the Marbach Academy take place at the Marbach headquarters in Heilbronn. Besides a good connection to the highway and public transport system, this location has a lot to offer. The Marbach company building is located not far from the Neckar river, close to the remains of an old roman fort and only a 30 minutes walk from the city centre. Heilbronn is not only a well-known wine region, but also a region with history. Many castles and palaces are witnesses to this exciting time.

TRAININGS. AND TEAMBUILDING.

We do not only offer training courses. But more than that. **Use training courses at Marbach as a team-building opportunity for your employees.** If you wish, we can help you to organize a suitable evening program. Whether it's a guided city tour, wine tasting, knights' dinner or a visit to a traditional wine tavern. Discover the Heilbronn region.

Write an email to academy@marbach.com

ACCOMMODATION.

For your accommodation we recommend the nearby „Best Western Hotel Am Kastell“. We have reserved **a limited contingent for you up to 3 weeks before the start of the event.**

Please book your room there yourself using the keyword „Marbach Academy“. And in case of cancellation of your course, please remember to also cancel your hotel room.

If you are looking for a different accommodation, we will be happy to send you a list of hotels in the area.

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.





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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 get a confirmation of receipt immediately. If the minimum number of participants is not reached, we reserve the right to cancel the course. You will receive a confirmation of enrollment as soon as the minimum number of participants of the course has been reached, at the latest 3 weeks before the beginning of the course.

REGISTRATION DEADLINE.

Deadline for registration is 4 weeks prior to the start of the course.

PAYMENT.

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

DISCOUNTS.

In the case of more than one company participant in a training course, the price per individual is reduced by 10 %, in the case of at least 4 participants of a company by 20 %.

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 case of cancellation less than 7 working days prior to the start of the course or if the participant fails to attend, Marbach may charge the full 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 organisational 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 quoted are net prices and do not include VAT. The prices include participation in the course, seminar materials and the catering during the day. Not included in the price are travel expenses, dinner and accommodation costs.



TRAINING LOCATION.

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

Only a few steps away: the modern production for cutting-dies, stripping and blanking tools. There, tools for the worldwide folding carton, cigarette and corrugated board industry are manufactured.



DIE-CUTTER.

The training courses of the Marbach Academy take place on a die-cutter in format 102-106.

This machine is equipped with a die-cutting, stripping and blanking unit.

The die-cutter can process cardboard and corrugated board up to 4 mm.



CLASSROOM.

The training courses of 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 classroom.



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 cut can be checked safely, easily and quickly.

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COMPACT COURSE. DIE-CUTTING AND REFINING OF PAPERBOARD.

COURSE REF. FS-02-E

Theory content.

- Value added chain of packaging production.
- Short theoretical introduction.
Die-cutter. Die-cutting. Stripping. Blanking.
- Dieboards. Rubbing. Refinement and embossing. Reverse cutting. Braille.
Nicks.

Practice content.

- Training on the die-cutter.
- Die-cutter. Safety instructions. Machine technology. Units.
- Introduction tool package. Desired state.
- Make-ready of the tool package in the die-cutter.
- Challenges in practice. And solutions.
- Tips and tricks from practice.

Description.

In this course, participants receive a very practical training session on the subject of die-cutting. The theoretical part is deliberately kept short. In the practical training, the participants independently set up a complete order including embossing and reverse cutting under the guidance of the trainer.

Target group.

For all machine operators who want to test and extend their knowledge and skills. This course serves as an opportunity to refresh existing knowledge and to further develop the participants' abilities. For improved performance and workflow optimization. An essential course to expand skills.

After the training.

- You know the current state of technology.
- You can set up embossing and reverse-cutting jobs quickly and efficiently.
- You know how to increase the quality of your blanks.

Number of participants: 4-8 persons

Training is held in German or English. Please note different dates.

Duration:
2 days

English dates:
07.-08.05.2024
12.-13.09.2024

08:30 - 16:30 respectively

Location:
Marbach Academy Heilbronn

Course Ref.:
FS-02-E

Cost per participant:
1.300 €

**German
dates:**
09.-10.04.2024
10.-11.09.2024



INTENSIVE COURSE. DIE-CUTTING OF PAPERBOARD.

COURSE REF. FS-INT-E

Theory content.

- The packaging.
- Refinement techniques.
- Material knowledge folding carton board.
- Construction of a packaging / tool.
- The die-cutter. Die-cutting. Stripping. Blanking.
- Detailed knowledge. Manufacturing process laser. Rule types. Dieboard materials. Tolerances. Nicks. Rubbering. Dynamic stripping. Blanking with single or double knife.

Practice content.

- Training on the die-cutter.
- Die-cutter. Safety instructions. Machine technology. Units.
- Knifing. Rubbering. Nicks.
- Tool set up. Tool maintenance.
- Productivity. Die-cutting. Stripping. And blanking. With highspeed.
- Set-up and make-ready time reduction.
- Quality control.
- Tips and tricks.

Description.

In this course, participants receive an intensive and very practical training on the subject of die-cutting. In the training, the participants independently set-up various jobs under the supervision of the trainer and learn detailed background knowledge. Tips and tricks are discussed directly during tool set-up.

Target group.

For all machine operators who want to test their knowledge and skills and upgrade it to professional level. For maximum increase in performance and perfection of workflows.

After the training.

- You have detailed knowledge about die-cutting paperboard.
- You are familiar with tips and tricks to optimize your workflow.
- You increase your performance in packaging production.

Number of participants: 4-8 persons

Training is held in German or English. Please note different dates.

Duration:
4 days

English date:
04.-08.03.2024
21.-25.10.2024

1st day	13:00 - 17:00
2nd-4th day	08:30 - 16:30
5th day	08:30 - 12:00

Location:
Marbach Academy Heilbronn

Course Ref.:
FS-INT-E

Cost per participant:
2.500 €

German dates:
22.-26.01.2024
23.-27.09.2024

COMPACT COURSE. FOR PAPERBOARD MANUFACTURERS.

COURSE REF. M-KHS-E

Theory content.

- The die-cutting process and its components.
- Cutting-die. Dieboards. Rules. Rubbering.
- Counter plates. rillma. Steel counter plates.
- Stripping tool. Stripping with bottom pins. Dynamic stripping. masterstrip|plate.
- Blanking tool. Blanking with single or double knife.
- Special technologies: Digital zone levelling. mpower+. Embossing. Braille. Reverse cutting.
- Quality control. Influence of paperboard material on die-cutting technologies.

Practice content.

- Training on the die-cutter.
- Die-cutter. Safety instructions. Machine technology. Units.
- Presentation of various tool packages.
- Setting up a tool package in the die-cutter. Die-cutting. Stripping. Blanking.
- Use of special techniques and their advantages. Visible directly on the machine.
- Quality control. Measure folding resistances.
- Recognizing causes of angel hair and other packaging defects. Bursted creasing.

Description.

In this course the participants will get an overview of the die-cutting process as well as important information about the topics of die-cutting, stripping, blanking and refining paperboard. Special attention will be paid to the influence of the carton in die-cutting during this training. With many practical tips and tricks.

Target group.

For sales, after-sales and technical development personnel at paperboard-producing companies. An indispensable course for those who want to gain a quick and compact overview of the die-cutting process.

After the training.

- You have an overview of the die-cutting process.
- You know what happens during die-cutting and how the paperboard material influences the die-cutting result.
- You can better advise your customers to get the optimal results.

Number of participants: 4-8 persons

Training takes place in German or English as required.

Duration:
2 days

Date:
on request
08:30 - 16:30 respectively

Location:
Marbach Academy Heilbronn

Course Ref.:
M-KHS-E

Cost per participant:
1.500 €

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INTENSIVE COURSE. DIE-CUTTING OF CIGARETTE PACKAGING.

COURSE REF. Z-INT-E

Theory content.

- 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.

Practice content.

- Training on the die-cutter.
- Die-cutter. Safety instructions. Machine technology. Units.
- 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.

Description.

In this course, participants will receive hands-on training in the area of productivity in die-cutting and creasing cigarette packaging. In the theory section extensive basic information will be conveyed. This will be deepened in an intensive practical part.

Target group.

For all machine operators. In this course the participants will be taught theoretical and practical knowledge about die-cutting and creasing. An indispensable course for immediate increase in productivity and optimization of the packaging appearance.

After the training.

- You will have expert knowledge on die-cutting and creasing.
- You will increase productivity in packaging production.
- You will be able to make the most of high-tech tools.

Number of participants: 4-8 persons

THIS TRAINING
IS ONLY HELD IN
ENGLISH.

Duration:
4 days

Dates:
19.-23.02.2024
11.-15.11.2024

1st day	13:00 - 17:00
2nd-4th day	08:30 - 16:30
5th day	08:30 - 12:00

Location:
Marbach Academy Heilbronn

Course Ref:
Z-INT-E

Cost per participant:
3.000 €



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COMPACT COURSE. DIE-CUTTING & REFINING CORRUGATED BOARD.

COURSE REF. WP-02-E

Theory content.

- Die-cutting. Basics of an efficient packaging production. Dieboards. Rubbering. Nicks. Embossing. Reverse cutting.
- Material knowledge. Open flute. Double flute. Influence of the material on the die-cutting process.
- Embossing types. Embossing. Debossing. Hotfoil stamping. Split aluminum block. Memopin.
- Special technologies. pure edge. Reverse cutting.
- Stripping. Dynamic stripping. marbastrip. masterstrip|plate.
- Feasibility refinement of corrugated board.

Practice content.

- Training on the die-cutter.
- Die-cutter. Safety instructions. Machine technology. Units.
- Introduction tool package. Desired state.
- Make-ready of the tool package in the die-cutter.
- Use of special techniques and their advantages. Visible directly on the machine. Tips and tricks from practice.

Description.

In this course, participants receive a very practical training session on the subject of die-cutting and refining corrugated board. The theoretical part is deliberately kept short. In the practical training, the participants independently set up a complete order including embossing and reverse cutting under the guidance of the trainer.

Target group.

For all machine operators who want to test and extend their knowledge and skills. This course serves as an opportunity to refresh existing knowledge and to further develop the participants' abilities. An indispensable course for increasing performance and optimizing workflows. And for all those who want to produce high-quality packaging for the point of sale.

After the training.

- Your skills are refreshed and deepened.
- You can increase productivity in packaging production.
- You know how to increase the quality of your corrugated board blanks.

Number of participants: 4-8 persons

Training takes place in German or English as required.

Duration:
2 days

English dates:
21.-22.03.2024
05.-06.11.2024

08:30 - 16:30 respectively

Location:
Marbach Academy Heilbronn

Course Ref.:
WP-02-E

Cost per participant:
1.300 €

**German
dates:**
19.-20.03.2024

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INDIVIDUAL TRAINING COURSES.

COURSE REF. M-IND-E

You weren't able to find the right course for you?

Then 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 4.

Reverse cutting.

Module 7.

Stripping.

Module 10.

Die-cutting problems.

Module 2.

Die-cutting basics.

Module 5.

Embossing.

Module 8.

Blanking.

Module 11.

Cutting-die repair.

Module 3.

Creasing basics.

Module 6.

Make-ready.

Module 9.

Set-up time reduction.

Your desired topic.

Duration:
on request

Date:
on request

Location:
Marbach Academy Heilbronn

Course Ref.:
M-IND-E

Costs:
on request

also in
german
language

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 examine and optimize your die-cutting process, we offer you the Marbach Performance Package. We visit you at your company. Analyze your processes directly on your machine. And also the die-cutting environment. And then we will provide you with an optimization concept.

With the Performance Package, you can significantly increase your productivity and thus save time and money. So take advantage of our expertise and benefit from a long-term increase in your productivity.



MARBACH ACADEMY. FOR YOUR MAXIMUM PERFORMANCE.

Marbach. Maximum performance. For tools. And now also for trainings.

Benefit from practical trainings on our die-cutter.

- » About the topics die-cutting. Stripping. Blanking. And finishing.
- » For your productivity. For low make-ready times in your production. For waste-free blanks. And much more.

Marbach Academy. More knowledge. More skills.

www.marbach.com/trainings

