

Training and Innovation Center



At the MULTIVAC Training & Innovation Center, the focus is always on the customer. We provide competent advice to you on all packaging material and application questions independently of the manufacturer and make packaging ideas tangible as prototypes or small series.

We convey expert knowledge for machine operators, line managers and the service personnel of our customers, and also train our own staff.

Welcome to the MULTIVAC Training & Innovation Center.



Contents

| | |
|---|-----------|
| MULTIVAC Innovation Center: Take a test run! | 7 |
| <hr/> | |
| Development of packaging concepts | 8 |
| <hr/> | |
| Individual packaging consulting | 9 |
| <hr/> | |
| Manufacturing of sample packs | 10 |
| <hr/> | |
| Packaging training | 10 |
| <hr/> | |
| Analysis | 13 |
| <hr/> | |
| MULTIVAC HPP | 13 |
| <hr/> | |
| MultiCook™ | 13 |
| <hr/> | |
| Innovation Center equipment | 14 |
| <hr/> | |
| MULTIVAC Training Center: Stay up-to-date! | 17 |
| <hr/> | |
| Customer training | 18 |
| <hr/> | |
| Training courses at your company | 20 |
| <hr/> | |
| Courses for film manufacturers | 23 |
| <hr/> | |
| Employee training | 23 |
| <hr/> | |
| Training Center equipment | 24 |
| <hr/> | |
| MULTIVAC is there for you on site worldwide. | 26 |
| <hr/> | |

MULTIVAC Innovation Center: Take a test run!

The Innovation Center at the Wolfertschwenden site is the competence center for packaging consulting and sample production. The pack takes center stage here. Our customers have the opportunity to evaluate a wide range of packaging concepts for their products. Prototypes and small batches can also be produced. Confidentiality is guaranteed by test rooms with directly connected meeting rooms accessible only with individual access authorisation.

The test center for high pressure processing with MULTIVAC HPP is another department within the Training & Innovation Center; there is also a test kitchen available for MultiCook™ applications.

A highly motivated team of professionals with unique expertise and experience, as well as a customised infrastructure provide the ideal conditions for meaningful packaging consulting and packaging tests.

The Innovation Center in Wolfertschwenden is closely linked with the application centers of the local MULTIVAC subsidiaries.



Development of packaging concepts

Are you looking for a packaging solution for your products? Our experienced packaging engineers, packaging material experts and food technologists develop customised packaging solutions that are perfectly tailored to your needs.

Whether your focus is on maximum shelf life, minimised packaging material use, consumer-friendly handling, exceptional product presentation, the smallest possible shelf space or packaging materials from renewable resources – our experts will advise you comprehensively and develop the optimal solution.

Our range of services includes

- Market observation
- Pack design
- Solutions for the extending shelf life
- Shelf life studies
- Visual and sensory food assessment and analysis



Individual packaging consulting

We support you in every phase of your product and packaging development with exactly the consulting services you are currently needing.

Our service includes consulting services in connection with

- Packaging materials
- Forming systems
- Pack geometries
- Modified atmosphere packaging
- Opening aids
- Reclosure systems
- Presentation forms
- FreshSafe, FormShrink, MultiFresh™, Isopak
- Pack marking
- Food technology



Manufacturing of sample packs

In the MULTIVAC Innovation Center, you are able to hold your packaging of tomorrow, in your hands today. Prototypes and small series allow coordination processes to be made more efficient and can also be used for presentation in the market.

Our portfolio comprises of

- Feasibility studies
- Packaging tests
- Creating prototypes
- Small series production

Packaging training

The MULTIVAC application experts optimise the interaction of packaging materials and packaging systems on a daily basis. This wealth of experience enables particularly practical training on the topics of

- Film production methods
- Film properties
- Packaging material use
- Packaging technologies





Analysis

In the laboratory of the Innovation Center, we perform quick and accurate tests for

- Pack analysis
- Food analysis

For more extensive food technology tests, our experts work closely with independent institutes. This allows us to offer our customers a comprehensive range of analytical services quickly and directly from a single source.

MULTIVAC HPP

In the application center for high pressure processing, we support you in all areas relating to this very safe and gentle product preservation method which makes an exceptionally long shelf life possible.

- Implementation of HPP test series with your products and packs
- Shelf life studies
- Packaging design
- HPP process technology
- Automation

MultiCook™

For MultiCook™ applications, there is a test kitchen in which we work with you to develop the optimal parameters for packing and preparing your products.

Innovation Center equipment

A highly motivated team of experts, as well as pioneering infrastructure, provide ideal conditions for packaging consulting and packaging testing at the MULTIVAC Innovation Center.

- An experienced team of packaging engineers, packaging material experts and food technologists
- Three separate sampling centers with machine rooms and meeting rooms secured by individual access authorisation
- HPP Test Center with equipment for high-pressure food preservation
- Laboratory for pack and food analysis
- Preparation kitchen
- Chill and freezer rooms
- Changing rooms and socialising spaces for the guests of the Innovation Center
- Climate-controlled room
- Shredders for secure disposal of excess sample packs
- Warehouse for packaging materials
- Warehouse for sample dies
- Sample pack archive with demonstration packs



TRAINING CENTER



MULTIVAC Training Center: Stay up-to-date!

With packaging systems from MULTIVAC, our customers have particularly high-performance systems. Through the training of operators, line managers and service personnel, the potential of a packaging solution can be better exploited.

The MULTIVAC Training Center offers ideal conditions for the best combination of theoretical learning content and practical training. Experienced trainers convey their knowledge in an appropriate training environment, which is equipped with the most modern training technology and an extensive range of machines.

The Training Center in Wolfertschwenden is closely linked with the training centers of the local MULTIVAC subsidiaries. We use the latest technologies to train our trainers worldwide. In this way we ensure the high quality of the international MULTIVAC training network.

Customer training

Training course program

We offer our customers a diverse and current program of training courses for

- Thermoforming packaging machines
- Traysealers
- Chamber Machines
- Handling modules

The course program is primarily aimed at operators, line managers and service personnel. The course content is worked on and taught in small groups in an optimal combination of theoretical and practical training.

Thanks to the comprehensive course documents, the knowledge gained is available at any time, at a later date. Successful participation is confirmed with a certificate.

The training course program is offered throughout the year according to our training calendar and can be booked individually.

Our team would be glad to advise you and recommend the combination of course modules suitable for your employees. In addition, we assist you with your travel and hotel planning. We look forward to your call!



Customised training

In the MULTIVAC Training Center, we also offer customised training programs. We gear the training precisely to your individual requirements with regard to the target group, the course content and the duration of the training.

In addition to tailoring our training to operators, line managers and service personnel, we can also customise training to other groups of employees at your company, such as application engineers, buyers, sales staff, etc.

Tell us your employee group, the information required and your desired date, and we will prepare a detailed non-binding quotation for you. We look forward to your inquiry.



Training courses at your company

With on-site training, a MULTIVAC trainer conducts training directly at your company. All training content is taught in theory and practice directly at your MULTIVAC packaging machines.

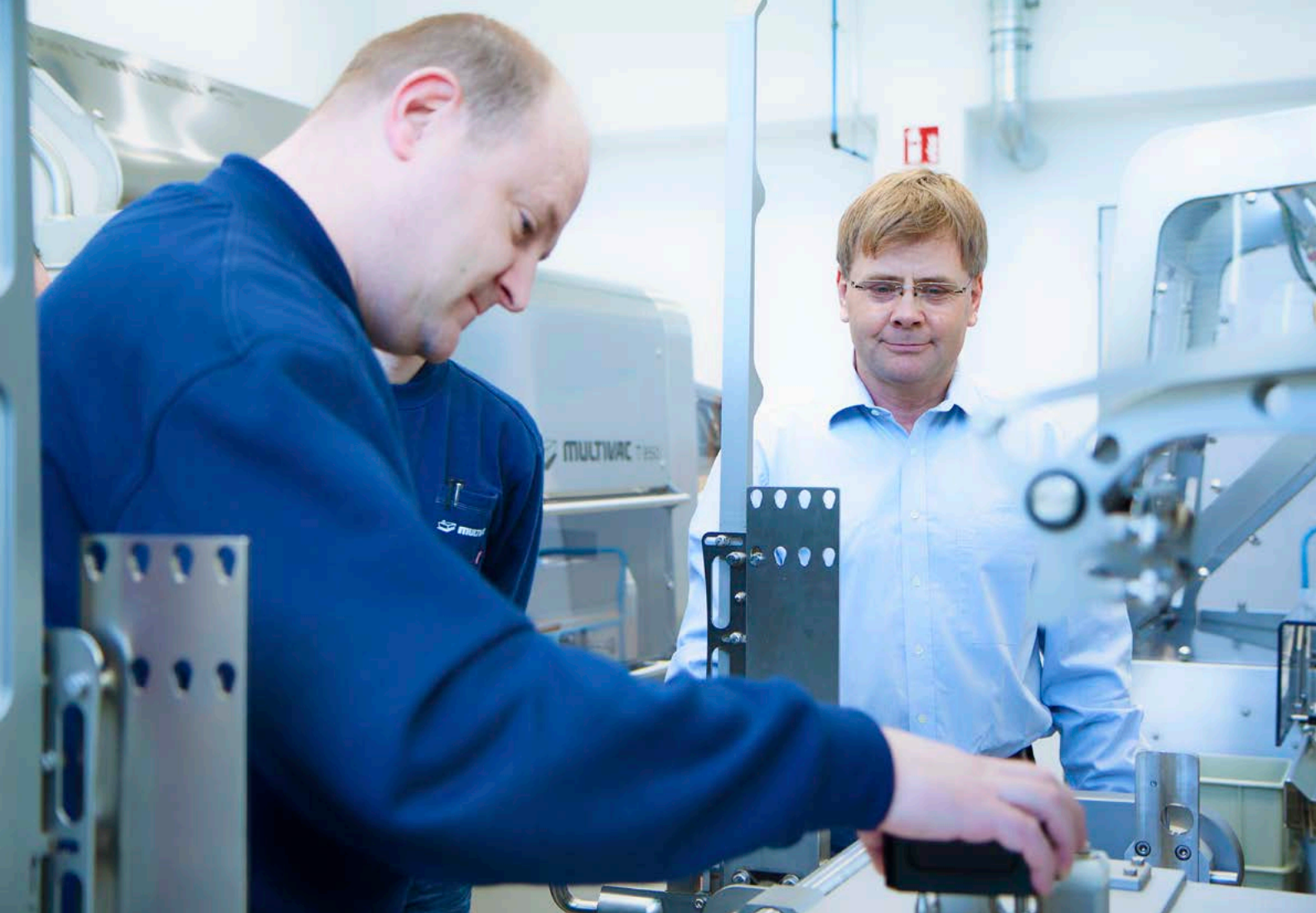
We tailor the training to your machinery and requirements, taking into account the level of knowledge and responsibilities of your employees. This ensures optimal knowledge transfer with minimal effort.

The advantages

- No travel expenses for your employees
- Training at your machines
- Participation of employees from different production shifts
- Participation of employees from different departments

You can choose the training content from our training course program or define it as you wish. A combination of both is also possible.

Our team would be glad to advise you in determining your training needs. Then we create a non-binding, individually tailored quotation specific to your needs. We look forward to your call!





Courses for film manufacturers

We also offer manufacturers of packaging materials the opportunity to remain up-to-date in terms of machine technology.

Employee training

We also use our Training Center to train our own organisation.
This allows you to benefit from a highly skilled team of sales and service staff.

Training Center equipment

The MULTIVAC Training Center offers ideal conditions for the best combination of theoretical learning content and practical training. An experienced team of trainers conveys their knowledge in a training-friendly environment equipped with the latest training technology and an extensive range of machines.

- Qualified trainers with many years of experience
- Five training centers, each consisting of a training room and machine room
- State-of-the-art presentation technology
- Thermoforming packaging machines, traysealers, vacuum chamber machines, handling modules, inspection systems, etc.
- Conference rooms for workshops
- Various test and demonstration stands
- Modern teaching methods





MULTIVAC is there for you on site worldwide.

Our sales and service network comprises more than 85 subsidiaries. We are present on all continents and in all important markets. At all times and in all places, more than 1,000 consultants and service technicians will offer you expert advice and a comprehensive range of services covering all areas of packaging, as well as support you on your way to the best possible and most efficient overall solution. Our technical service, combined with rapid availability of spare parts, ensures that all MULTIVAC machines installed worldwide are at maximum readiness.



www.multivac.com



MULTIVAC supports the BLUECOMPETENCE Initiative of the Association of German Machinery and Plant Manufacturers, VDMA

107075067 © MULTIVAC 07/2019 - Subject to technical changes in line with product development.
MULTIVAC is a registered trade name of MULTIVAC Sepp Haggenmüller SE & Co. KG.