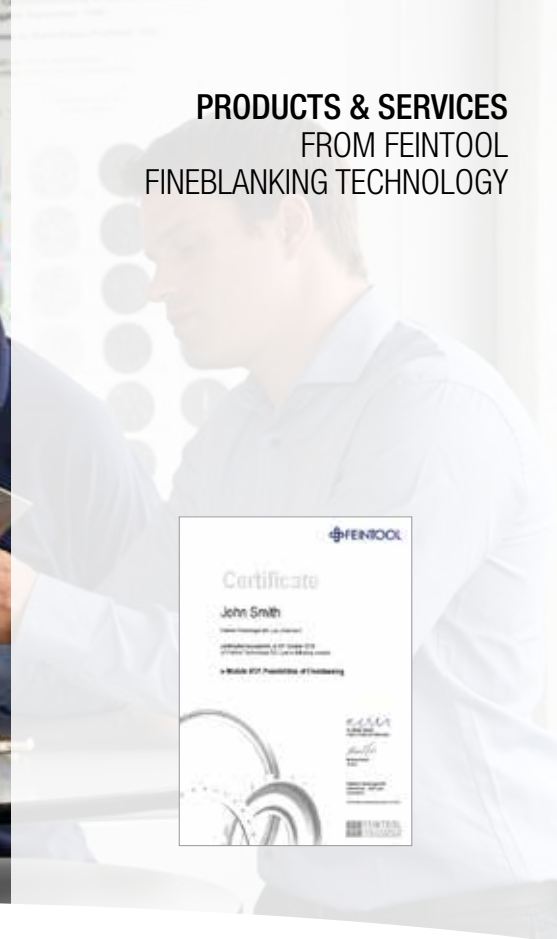


PRODUCTS & SERVICES
FROM FEINTOOL
FINEBLANKING TECHNOLOGY



WE TURN YOUR EMPLOYEES INTO EXPERTS

Feintool training: for excellence in production

Tailor-made training courses for our
press and tool customers

 **FEINTOOL**

EXPANDING HORIZONS



THE ROAD TO SUCCESS BEGINS IN THE MIND

Feintool training – for efficient production

Establish the expertise of the world's technology leader in fineblanking and forming firmly in your employees' minds. Feintool offers you complete basic and advanced training. Simply choose the training modules which meet your requirements. Your employees can become experts, and the additional expertise will help you get the maximum out of your production system.

FEINTOOL TRAINING.

COMPLETE AND EFFICIENT

- ▶ Training programs across the entire process chain
- ▶ Comprehensive knowledge transfer
- ▶ Modules can be selected according to your needs
- ▶ Experienced trainers
- ▶ Small groups
- ▶ On-site training at your request

EXPERTISE. TAUGHT THOROUGHLY

For reliable processes and high productivity



Feintool technological knowledge for every segment.

The specialists from Feintool support you along the entire process chain. The advice they offer covers everything from part and tool design and materials to lubricants. You also benefit from Feintool's skills in process optimization, machine operation and preventive maintenance of your systems.

Comprehensive range of services – also in training

Our training courses reflect the company's comprehensive offering, as we offer suitable training modules for each area. They are aimed at employees in production management, technical planning, maintenance and repair, as well as operatives, tool

designers, tool makers, process engineers and component designers.

The fight against the weakest link

The weakest link in your production chain is critical to success. Our common objective is to achieve a more reliable production process through high press availability, long tool service lives and a zero failure rate for parts and assemblies. Well trained, motivated and creative employees are essential in achieving this.

CONTENTS. MAKING THE MOST OF POTENTIAL

Technological know-how that helps you to improve



Part design – for higher cost-efficiency

- ▶ A systematic approach, from the initial idea about a part and its design, to a manufacture-ready production tool



Part material – for optimal part quality

- ▶ Identifying possible use for different part materials
- ▶ Specifying material requirements
- ▶ Defining procurement specifications



Tool design – for more reliable processes

- ▶ Translating various component geometries into a cost-efficient tool concept



Tool materials – for longer service lives

- ▶ Possible uses of modern tool materials
- ▶ Identifying and exploiting the benefits of coatings
- ▶ Using the potential of new tool steels



Press technology – for increased output

- ▶ How presses are developed and how they work
- ▶ Ensuring production-effective press operation
- ▶ Correct maintenance and repair



Lubricants – for higher reliability

- ▶ Influence and effect of lubricants
- ▶ Increasing process reliability and tool life

FIRST-HAND KNOWLEDGE

Feintool – the ideal partner for knowledge transfer



Small training groups for effective learning.



Transfer of up-to-date knowledge

The latest experience and findings of the Feintool specialists are passed on directly in training. At the same time, the content is tailored to the course participants. Whether they are new arrivals, plant operators, mechanics for machine maintenance, toolmakers, or fineblanking professionals – Feintool ensures that the relevant practical knowledge is conveyed. Thanks to the research and development we pursue in partnership with universities and higher education institutions, our expertise always keeps pace with the latest innovations. This enables you to implement and apply the technologies to optimum effect.

Participants are in good hands

Your employees benefit from personal and intensive knowledge transfer in small training groups. All courses are offered in both German and English. Other languages are available on request. Additionally, every course participant receives comprehensive documentation detailing the course content and other useful information.

PERSPECTIVES. WITH CURRENT KNOWLEDGE

Benefit from brand new insights



On-site training at your request.

A good offer – especially for you, too

Take the first decisive step on the road to success – reserve appointments for basic and advanced training for your employees in good time. Your Feintool sales adviser will be happy to assist you. It's worth it.

Training à la carte

Would you like a specific advisory workshop tailored precisely to your needs? Get in touch with us – we can make it happen

Feintool training – a suitable module for every requirement:

Basic module for beginners and trainees

- ▶ BT/1 The potential of fineblanking (also for non-Feintool customers)
- ▶ BT/2 Introduction to fineblanking technology

Professional module for day-to-day work with fineblanking presses

- ▶ PT/FB one press technology – the latest generation of hydraulic presses
- ▶ PT/HFA Press technology – hydraulic fineblanking presses
- ▶ PT/X-TRA Press technology – hydraulic fineblanking presses
- ▶ PT/XFT Press technology – servo mechanical presses
- ▶ PT/Removal system with servo drive
- ▶ PT/Scope Analysis tool Feintool Motion Control

Professional module for toolmakers and tool design engineers

- ▶ WT/1 Tool design 1 – moving die
- ▶ WT/2 Tool design 2 – fixed die

Professional module for experienced fineblanking engineers

- ▶ ST/1 Tool materials and coatings
- ▶ ST/2 Parts materials
- ▶ ST/3 Lubricants
- ▶ ST/4 Component design

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