

nanoblade®

it works

made by 

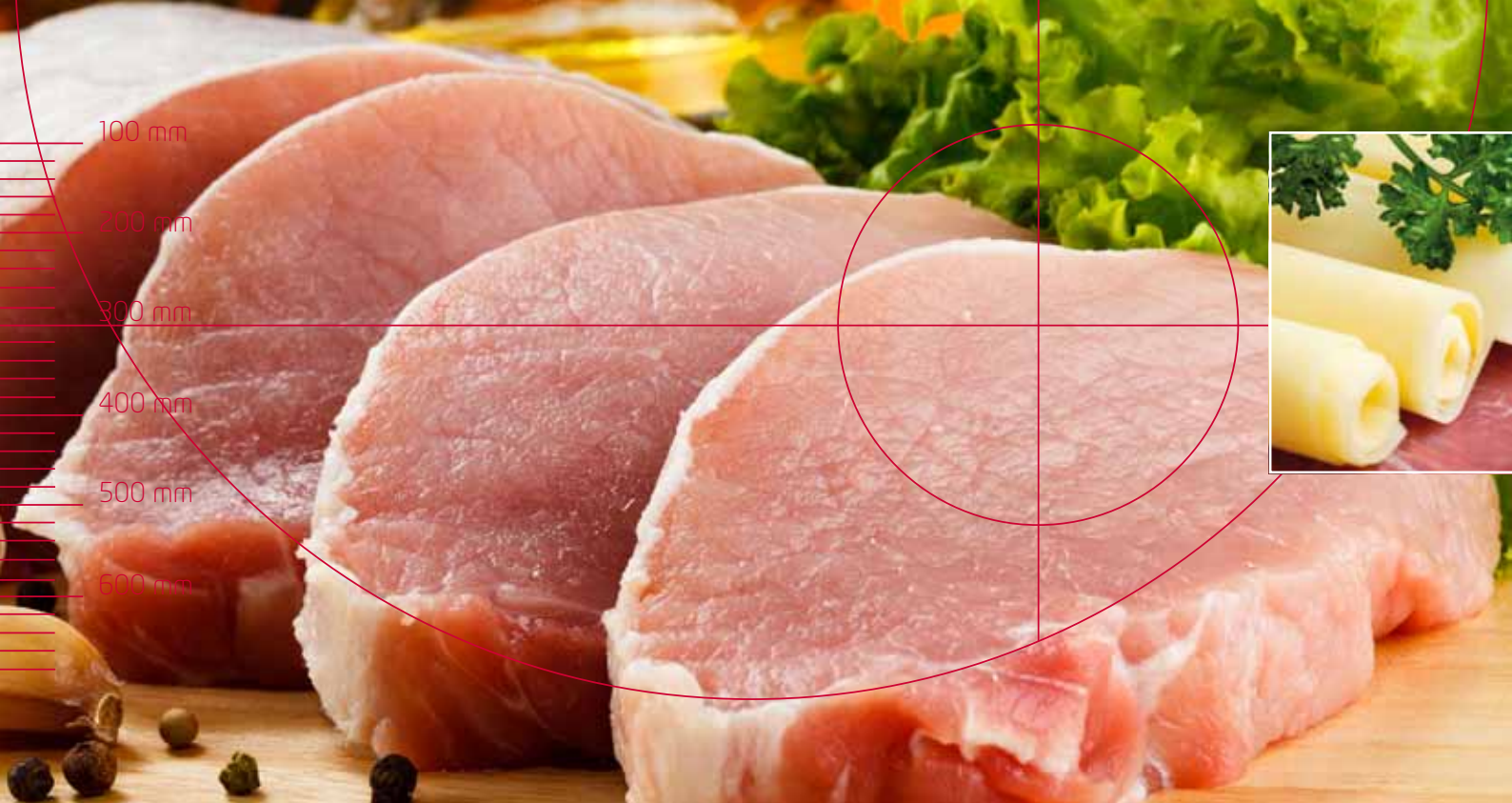
100 mm
200 mm
300 mm
400 mm
500 mm
600 mm



The complete package from the cutting specialist:
slice now even more efficiently with TREIF *nanoBlades*

Passion for Food Cutting





Higher yield – higher process reliability – less cost

TREIF nanoBlades. Use 100 % of your cutting machine's potential by using the optimum blade. TREIF develops and manufactures **machine and blade as one unit** – the only way to achieve an **optimum** cutting result.

And – at the end of the day, you also save cost. TREIF blades are designed for a **long service life**. High quality steel, complex manufacturing processes on the highest level including sophisticated mechanisms for engraving the blade and a sharpening service that focuses on fast sharpening as well as on quality and a long service life of the blades – all this speaks for itself.

TREIF nanoBlades – Your benefits at a glance:

- Ideal cutting conditions, consistent cutting quality due to best possible interaction between TREIF quality blades and TREIF machine
- Best possible use of your cutting machine's potential and consequently higher yield
- High degree of process reliability
- Long cutting-edge life and long service life of the blade through use of high-quality blade steel, lowest possible tolerance limits in manufacturing and professional, low-wear sharpening and regrinding
- No risk of damage or additional wear on other machine parts (e.g. bearing, cutting frame) through non-expert blade treatment
- Sharpening devices for TREIF blades (HS models)





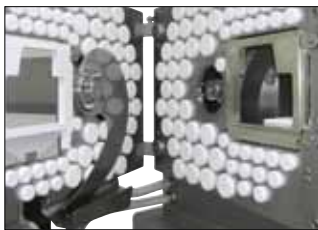
Blade and machine from one source: the optimum for your products



Precision down to the last detail: For dicing, the minimum distance between cutting blade and the grid-set ("scissors` cutting principle") is one of the essential prerequisite for achieving excellent cutting results. The cutting blade is manufactured by TREIF.



The requirements set by the TREIF engineers of the department "blade development" can be implemented precisely thanks to in-house blade manufacturing.



For portion cutting (e.g. cutlets), cutting accuracy, (weight) precision and therefore yield greatly depend on the correct quality of the blade.



TREIF manufactures blades to the exact requirements for ideal cutting conditions.



Manufacturing of the slicer blades with Lotus engraving (TREIF patent) is a sophisticated and complex process. It creates a non-stick effect which is particularly crucial for easily adhering, soft products such as boiled sausage or cheese. Last but not least, this also reduces cooling cost.



The slicer blades are manufactured in-house at TREIF. The engraving of the blade is crucial. At TREIF, the tooting is not only ground off but also precisely recreated.



As the only manufacturer of bread slicing machines, TREIF also develops and manufactures the blades in-house. They have a special coating and special tooting – important pre-conditions for slicing fresh bread without blade lubrication.



The wafer-thin gold cut blade slices even soft, airy bread with or without solid crust perfectly. These types of bread are regarded as "sensitive" and difficult to slice.



Cutting edge: *nanoBlades* from TREIF

For our **in-house blade manufacturing**, specialists implement the requirements set by the TREIF engineers for "blade development" with complete accuracy and the lowest possible tolerance limits.

Regular regrinding is necessary as only sharp blades will deliver top cutting results. We offer a **service for sharpening and regrinding** your TREIF *nanoBlades*. The process is gentle on the blades and produces only low wear. Toothed blades, for example, are not just reground. The tothing is precisely recreated one by one.

We work with utmost meticulousness to ensure that no residue (e.g. metal particles) remains and that the cutting quality is of the highest level. **Your blade lasts for a very long time – a worthwhile investment!**

The individual cycle for grinding and sharpening depends on the application and use of the machine.

Feel free to contact us – as your partner for the optimum cutting process we are happy to provide advice!



TREIF blade manufacturing is quality in series production.



The TREIF regrinding service gives the blade its tothing back. The micro tothing is recreated rather than just ground.

***nano*blade**®
it works
made by TREIF

HEADQUARTERS:

TREIF Maschinenbau GmbH
Südstraße 4
D-57641 Oberlahr
Phone +49 2685 944 0
Fax +49 2685 1025
E-Mail: info@treif.com

Further LOCATIONS:

TREIF U.K. Ltd.
Genesis House, Poole Hall Road
Poole Hall Industrial Estate
Ellesmere Port, GB-Cheshire CH66 1ST
Phone: +44 (0) 151 3506100
Fax: +44 (0) 151 3506101
E-Mail: treifuk@treif.com

TREIF USA Inc.
50 Waterview Drive, Suite 130
Shelton, CT 06484
Phone: +1 203 929 9930
Fax: +1 203 929 9949
E-Mail: treifusa@treif.com

Belgium

China

France

Italy

Russia

www.treif.com