

**REICHLE**  
TECHNOLOGIEZENTRUM

THE ART OF PERFECTION



EVERY GRAIN - EVERY MANUFACTURER - EVERY PROCESS - SHORT PROCESSING TIMES

# GRAIN REPAIR

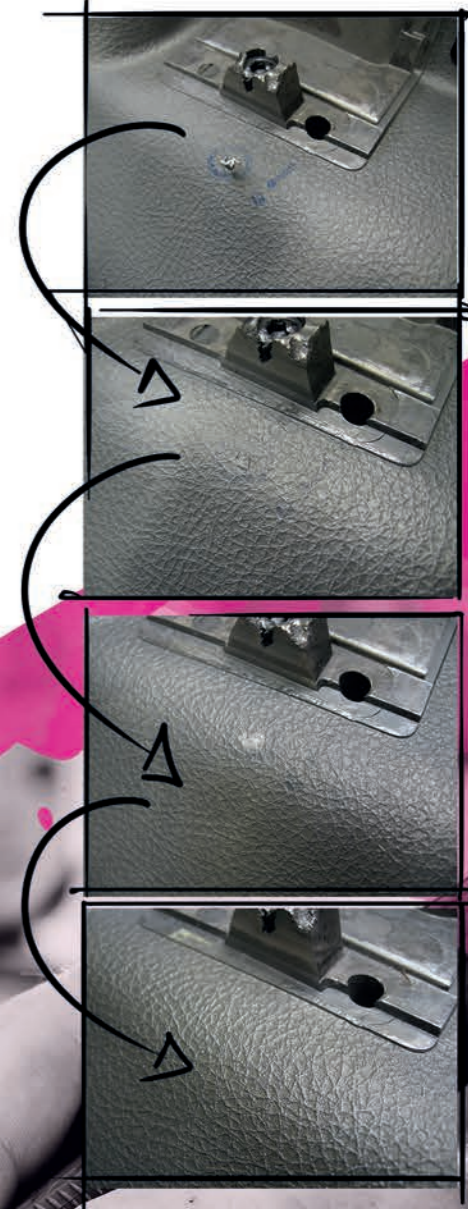


## YOUR CHALLENGE

Grain damage in moulds and tools is not uncommon and can occur in various ways during the production process. But whether worn grain, small or large damage - the consequences can be drastic in all cases. Line stoppages, production losses and the associated high costs are usually unavoidable. Our specialists in surface technology are trained precisely for this problem and reduce the negative consequences to a minimum.

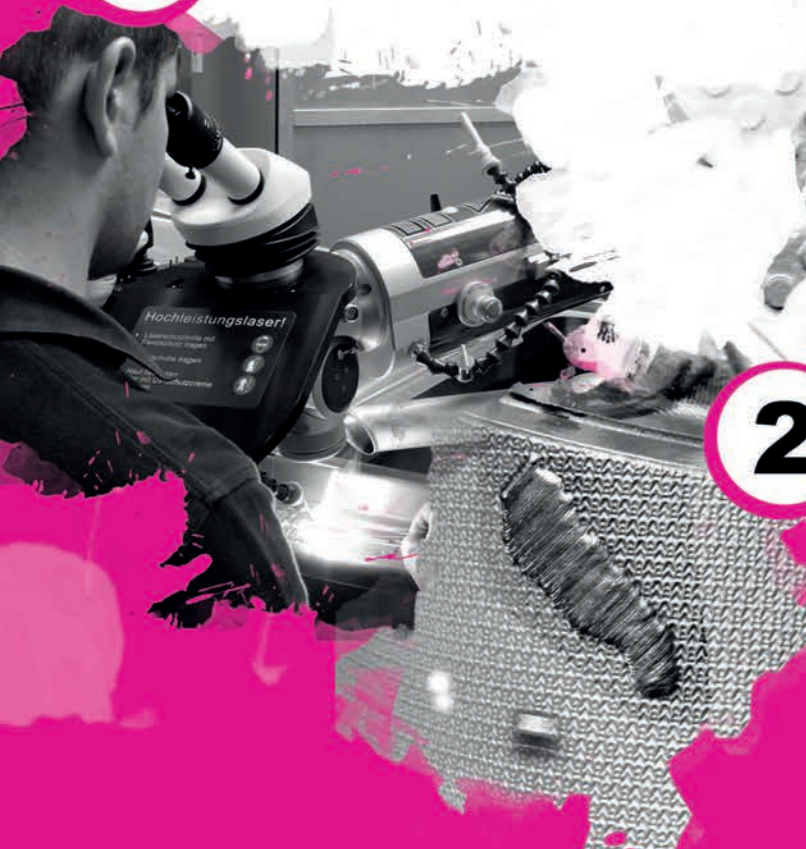
## OUR SOLUTION

With a grain repair at the Reichle Technologiezentrum, you not only save time, but also money. Our team of experts is prepared for every case and repairs your grain manually or with the help of the latest laser technology. The type, manufacturer or production process of the grain does not matter. We combine all the necessary services for a complete repair under one roof and thus deliver your repaired tool back to you in the shortest possible time.



1

## LASER-WELDING



SCAN ME



2

## CONTOUR RESTORATION

- Repair of damaged tool partitions
- Grinding of milled heels or unevennesses
- Manual or machine processing
- Assumption of overall responsibility
- No reworking necessary
- Preparation for laser texture, graining or blasting



- 20 years of experience in build-up welding
- All materials, all components
- Tools weldable up to 20 tons
- Also in the high gloss or grain area
- More than 20 laser systems (300-900 watts)
- Hand-guided or semi-automated
- Possible on-site throughout Europe

4

## GLOSS LEVEL ADJUSTMENT

3

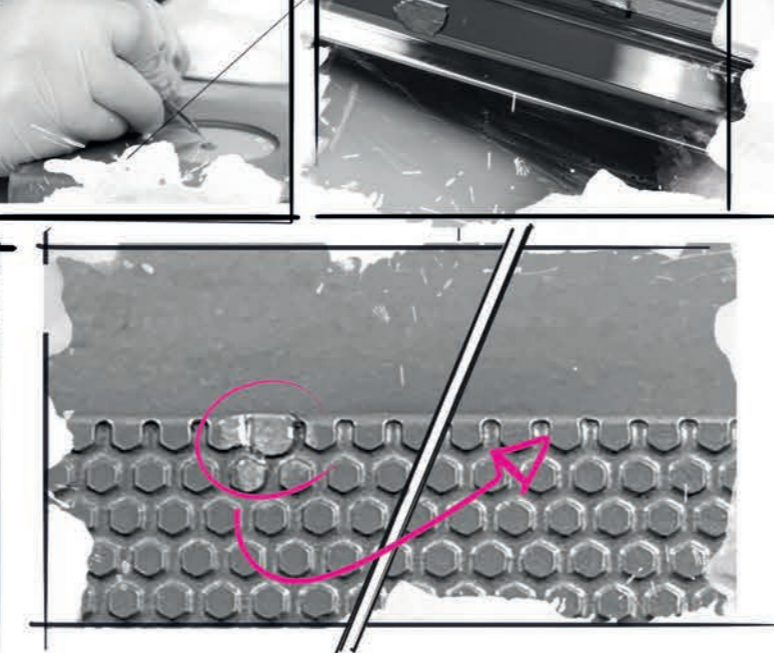
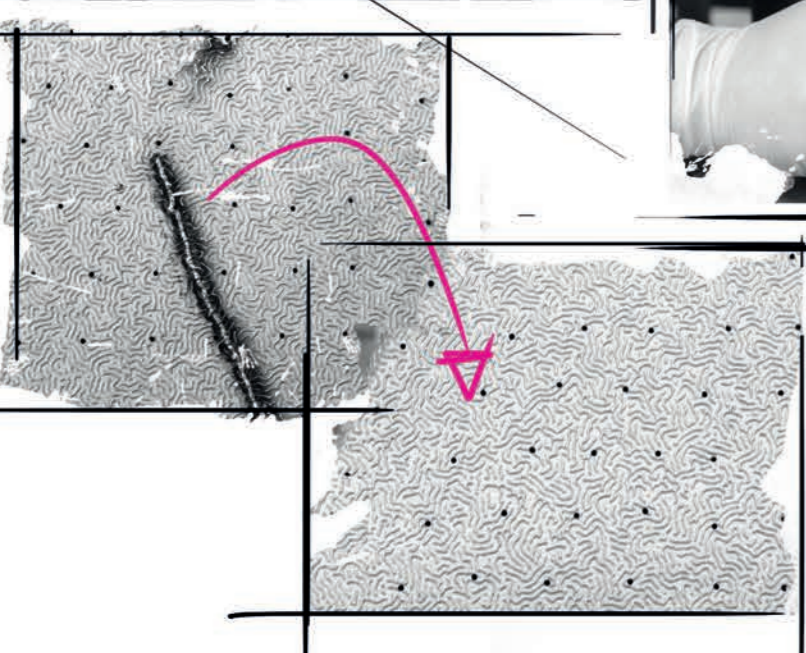
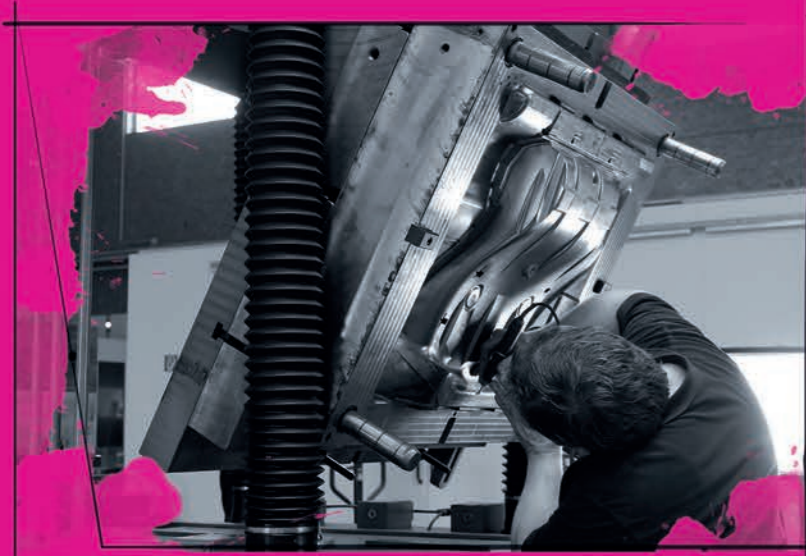
## GRAIN REPAIR

- Short-term and high-quality repairs
- Manual repairs or with the help of state-of-the-art laser technology
- All grain processes and manufacturers possible
- Short processing times
- Damage usually no longer visible



- Gloss level adjustment by means of special blasting materials
- Gloss level adjustment also possible by means of modern laser technology
- Matt or glossy gloss levels possible
- All gloss levels for all plastics possible (even very matt gloss levels )
- Gloss level adjustments Europe-wide also on-site



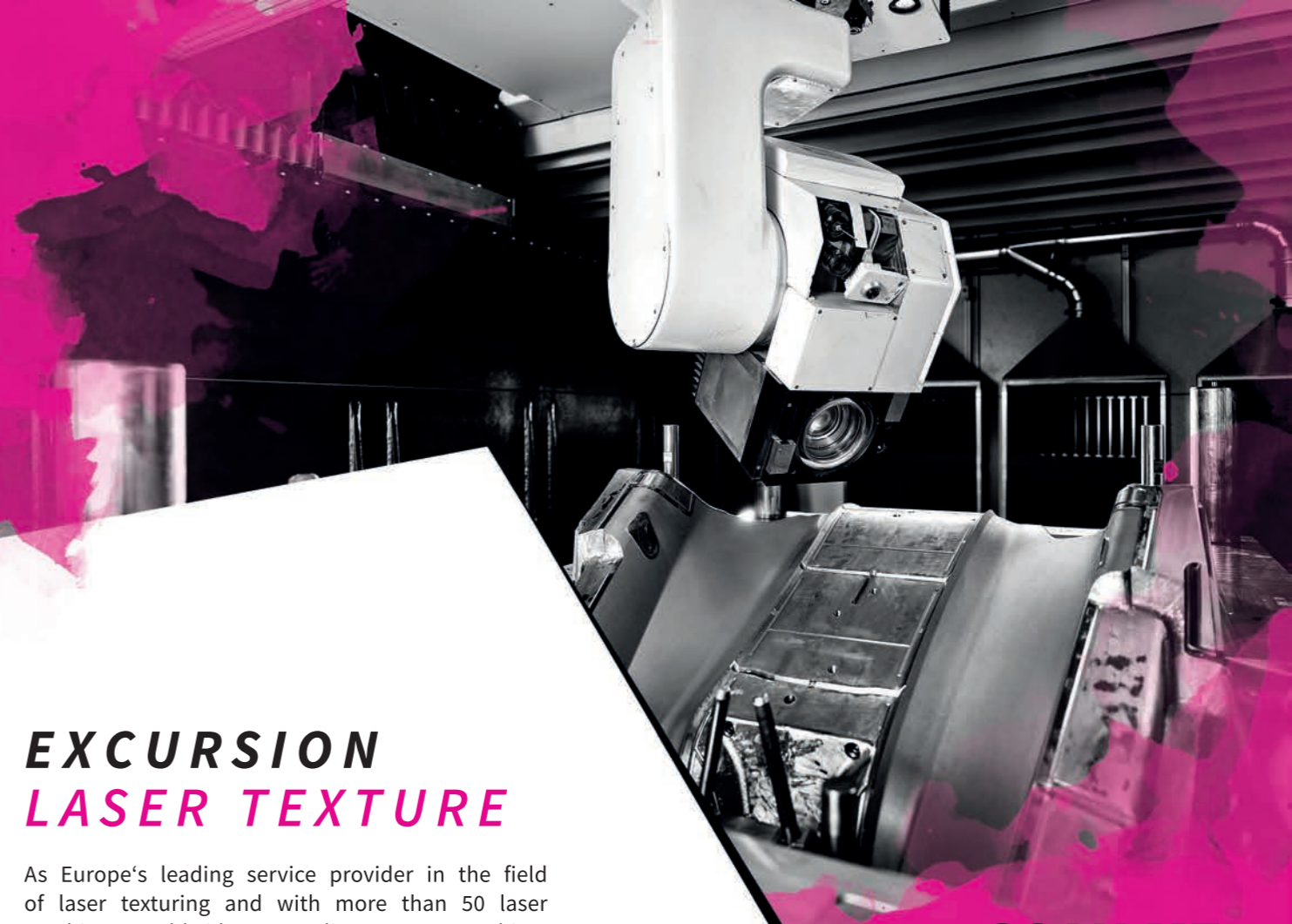


MORE IMPRESSIONS

## EXCURSION LASER TEXTURE

As Europe's leading service provider in the field of laser texturing and with more than 50 laser machines worldwide, we realise common etching, blasting and eroding structures as well as modern 3D-design structures. With its advantages in terms of sustainability, reproducibility, high quality and efficiency, laser technology is THE alternative to conventional etching - fully digital and without manual labour. Rely on the most modern technology for graining and enjoy the highest precision, process reliability and absolute design freedom with immensely short processing times and all gloss levels.

SCAN ME





## THE ART OF PERFECTION

*As a service centre operating throughout Europe, we are experts along the entire value chain for the surface processing of your mould tool. Our services include laser and TIG welding, high gloss polishing and contour restoration, laser texturing, repair of cast parts, laser engraving, CNC engraving and milling, grain repair and gloss level adjustment as well as our own Advanced Design and R+D Centre.*



@reichlegmbh



Reichle Technologiezentrum