GEURTS
VAN KESSEL
HARDFACING

EXTENDING DURABILITY OF WEAR PARTS

Agricultural Equipment

Wear protection solutions for agricultural machinery. Less wear. More hectares.

Specialists in hardfacing. That's who we are.
We are known for our unique, sometimes experimental welding methods and see it as a challenge to continuously improve ourselves. The techniques we use have been developed in-house and are constantly refined.
In the recycling industry, our CGP® layer with tungsten carbide has become well-known. For agricultural technology, we sometimes use this as well, but most often we work with other wear-resistant layers such as AgriPanzer and AgriLaser – specially developed for heavy-duty fieldwork.
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Making machines more sustainable. That's what we do.
By applying wear-resistant layers, we are not only able to extend the lifetime of machine parts, but we can also refurbish used machine components and give them a second life. These parts can be reused and are often even more wear-resistant than they were originally.

Hardfacing in agricultural technology
Machines in the agricultural sector – from cultivators to manure processors – operate under tough conditions. Soil contact, sand, stones, and straw cause constant abrasive wear. Parts such as ploughshares, goosefoot shares, rotary harrow tines, and tips experience the heaviest wear.

At Geurts van Kessel, we have many years of experience with this. Our hardfacing solutions ensure that these parts not only last longer but also maintain their performance over time. This means fewer replacements, less downtime, and lower costs per hectare.

For agricultural technology, we deliberately use different wear-resistant layers than those used in recycling. With solutions like Agri-Panzer and Agri-Laser, we achieve the right balance between wear resistance and toughness – tailored to your soil type and working conditions.

Relationship-oriented & on-site advice
At Geurts van Kessel, we believe the best wear solutions start with understanding real-life working conditions. That's why we're happy to visit you on-site – not just to apply a layer of hardfacing, but first to understand where and why wear occurs. Every field is different, and every component wears in its own way – and that's what we tailor our approach to.
We take the time to:

- Examine soil conditions (sand, clay, stone)
- Analyse wear patterns
- Discuss your usage and working speeds

Based on this, we determine together which hardfacing solution works best. Sometimes it's an extra wear-resistant layer in the right spot; sometimes it's a tougher solution that won't crack on impact. And sometimes it's mainly about keeping sharp edges intact for an optimal cutting result.

Our approach is always:

- Practical and well-founded
- Focused on cost savings per hectare
- Tailored to your situation

Challenge us
Are you dealing with unwanted wear, excessive maintenance, or high costs for your machine and wear parts? Schedule an appointment with Bjorn.

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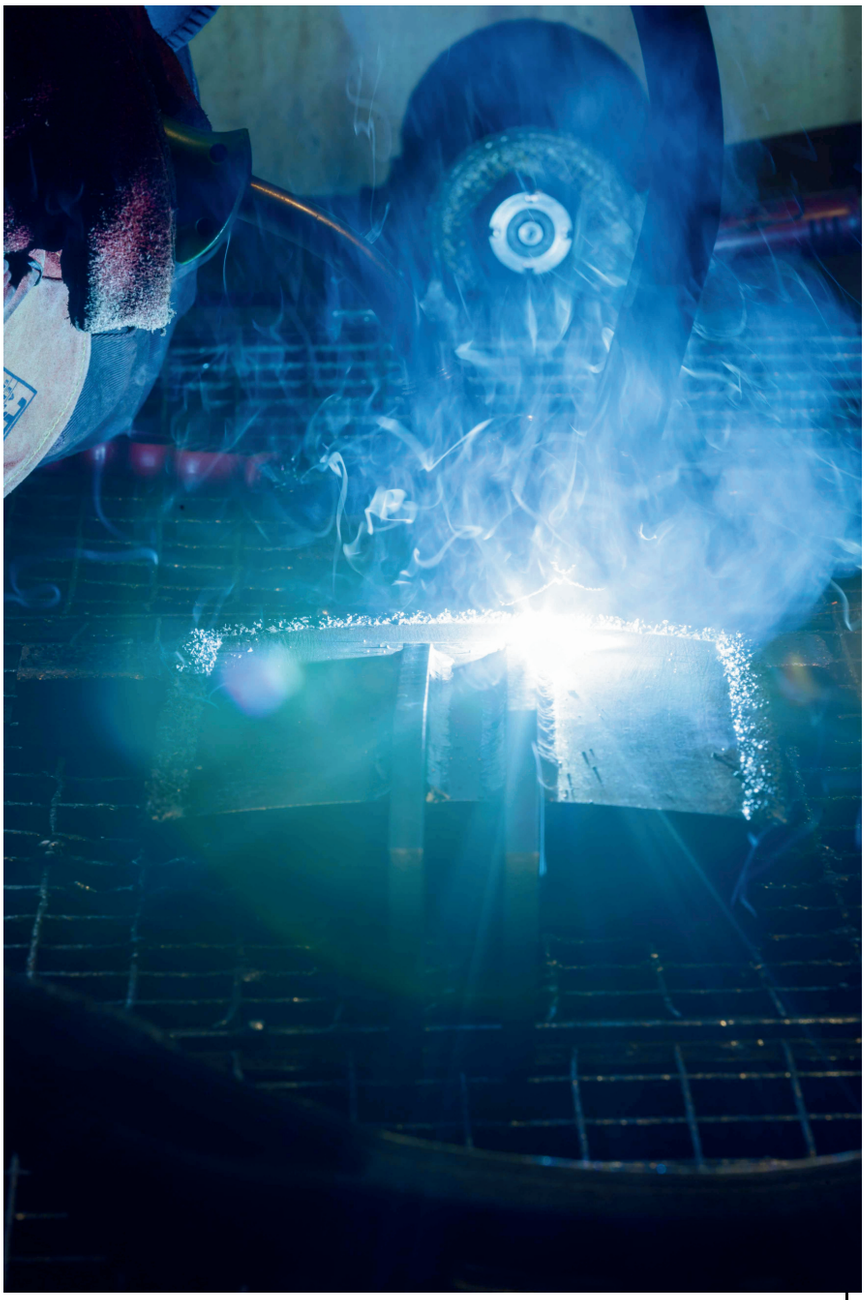

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