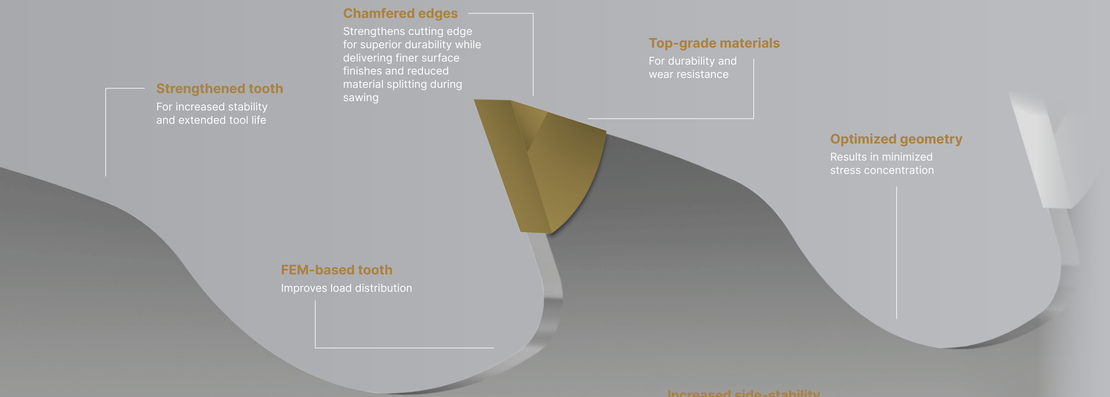
LX-DCC**hamfer**

Endurance in every tooth. Perfection in every cut.



LANGSHYTTAN

General Strenghts

Engineered for durability and precision

Our solution is built on a foundation of premium materials, advanced welding techniques, and precise straightening processes. Every component is designed to withstand demanding operating conditions while maintaining consistent peformance over time. The high-quality material selection ensures long service life, while optimized welding delivers exceptional structural integrity. Precision straightening guarantees accurate alignment, forming a robust and reliable product that performs consistently from the first cycle to the last.

Key Differentiators

Engineered for exeptional finish quality

Enhanced side stability minimizes vibration and deviation, while the FEM-based tooth design evenly distributes loads to reduce stress and wear. This is reinforced by the LX-Dry Cut Chamfer with precisely engineered chamfered cutting edges on every tooth, strengthening the cutting edge against chipping while producing exceptionally smooth finishes with minimal tearing or splitting. Together, these features ensure smoother cutting, improved control, and a more stable, predictable cutting process.

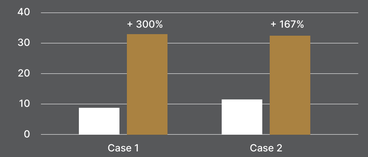
Proven Results

Higher quality, longer cycles, measurable gains

The result is a consistently finer surface finish that remains intact over significantly longer cycle times. Customers experience up to 75% fewer cracks, dramatically reducing scrap and rework. Cycle times are extended substantially – for example, increasing from 8 to 32 hours or from 16 to 32 hours – without sacrificing cut quality. The outcome is finer cut surfaces, improved productivity, and lower total cost of ownership, all contributing directly to higher output and greater profitability.

Key takeaways

Tool-life results



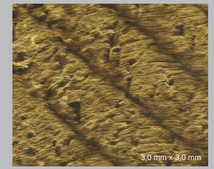
Typographic Results

Better surface quality, extended cycle times, and measurables gains

The result is a consistently finer surface finish that remains intact over significantly longer cycle times. Customers experience up to 75% fewer cracks, dramatically reducing scrap and rework. The images below, illustrates the surface before and after the usage of LX-DCC at a trusted planing mill in the Nordics.

Standard typography

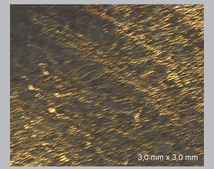
Surface result using current supplier, indicating irregular large scratch pattern resulting in higher paint consumption.



Case 2

LX-DCC typography

Better surface quality with fewer raised grains allows for lower paint consumption per cm2.



Case 2

LSAB