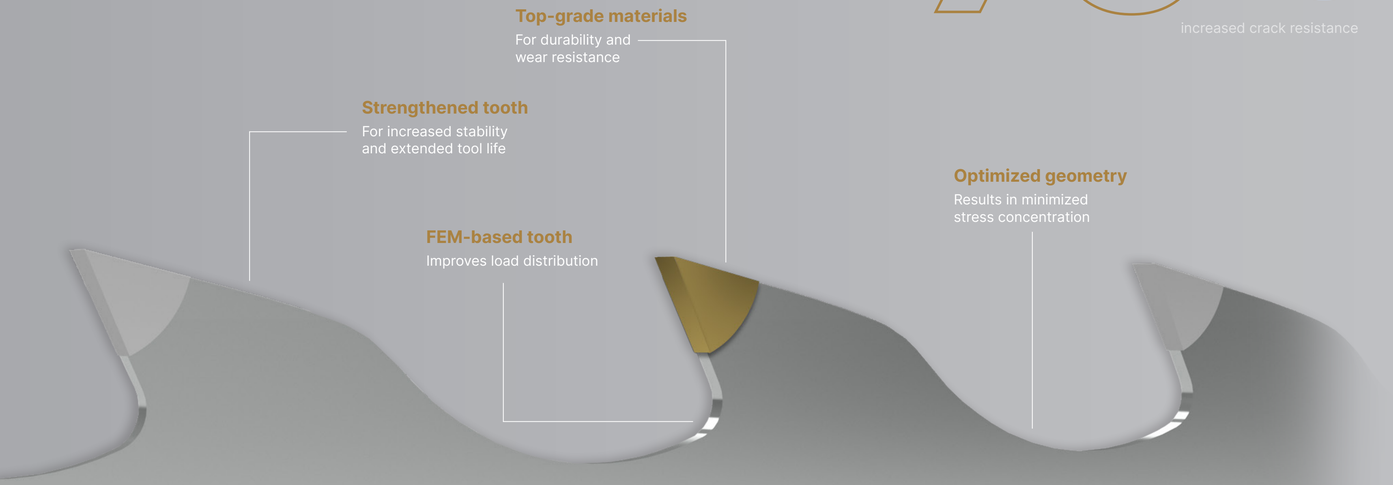
LX-DC

Built to run longer. Crafted to finish better.

+75%

increased crack resistance



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

Designed to outperform standard solutions

What truly sets this product apart is its enhanced side stability, which minimizes vibration and deviation during operation. The FEM-based tooth design provides superior load distribution, reducing localized stress and wear. In combination with an optimized tooth geometry, this results in smoother cutting action, improved control, and reduced risk of damage. These design innovations work together to create a more stable, efficient, and predictable cutting process compared to conventional alternatives.

Proven Results

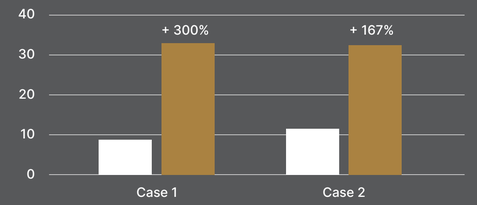
Higher quality, longer cycles, measurable gains

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

- Higher productivity per shift
- Lower maintenance and replacement costs
- Improved end-product quality
- Fewer tool changes

Tool-life results



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