

## CASE KARBENNING SAWMILL AB KARL HEDIN

# "Increased running times of over 50%"

AB Karl Hedin is one of Sweden's largest privately owned sawmill groups with three sawmills in Bergslagen and two in Estonia. The company processes timber within their natural catchment area and is the leading local partner in the entire value chain from sapling to plank. Karbenning has been a customer of LSAB for many years and developed a close collaboration.

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An important part of the cooperation between the companies are development and follow-up meetings where action plans for future periods are drawn up. Karbenning has used Loggmater for a long time as a basis for decisions. This has been an important part of the follow-up on developing the collaboration. Due to the geographical proximity and the cooperation concerning band saw blades, it was natural to involve Karbenning already at an early stage in the development of the LX technology. Today, the sawmill has almost switched from LSAB Langshyttan Premium band saw blades to LX blades. The result is very good, there



it documented increased running times of over 50%. There are many factors that determine the operating time of the bandsaw blade itself and it is believed that this may increase further.

The transition to LX has meant that the average running time have increased by more than 50% for the bandsaw blades. In addition the number of bandsaw blades discarded due to cracks has decreased by 30%. In the worst case, cracks in particular can mean that there will be a breakdown, and then not only one band has to be discarded, but a whole group. So far, not a single LX tire has cracked or caused a breakdown. LSAB has found in tests that the tendency to crack is reduced by 75% on LX band saw blades compared to traditional band saw blades.

The product's performance is logged in Logg-master and it is clear what advantages the new technology offers.

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So far, Karbenning has logged more than 1000 posts with LX-band and comparing these with previous version of band saw blade. The next step is to test the LX Large to increase the feed rate. This project has just been initiated and has not been evaluated yet, but it is convinced that this too will lead to increased efficiency and better overall economy.



## + FACTS

### KARBENNING SAWMILL

- AB Karl Hedin's largest sawmill
- 240.000 m<sup>3</sup> sawn timber, fir
- Cutting height 110-250 mm
- Band saw line 12 pcs, (3x4 pcs) USNR
- The main part is further refined, planed, painted

### LSAB WOOD SOLUTIONS

- Band saw blade Langshyttan LX-60

### OUTCOME OPTIMIZATION

- 30% less cracks and 50% increased running hours.
- Outcome logged in LSAB Loggmater 1000 posts.