

# ■ FBS FLYING BANDSAW

Active saw  
guide system

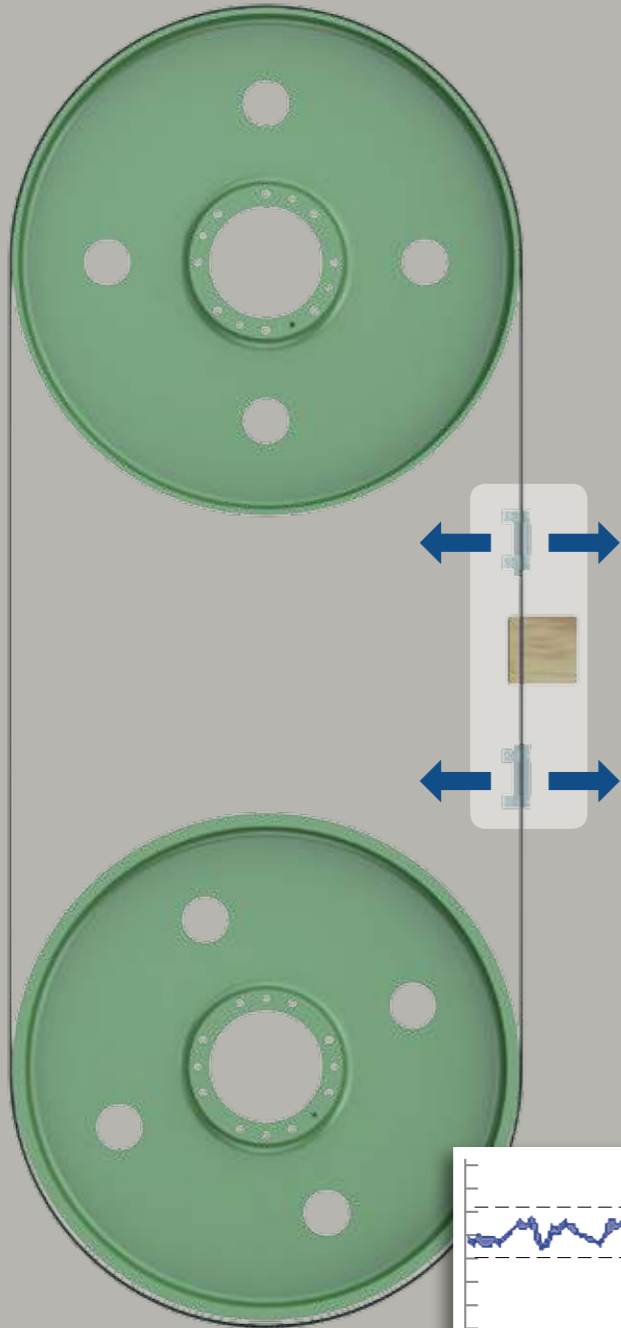
...for better cutting  
accuracy and  
higher production  
using intelligent  
magnets.



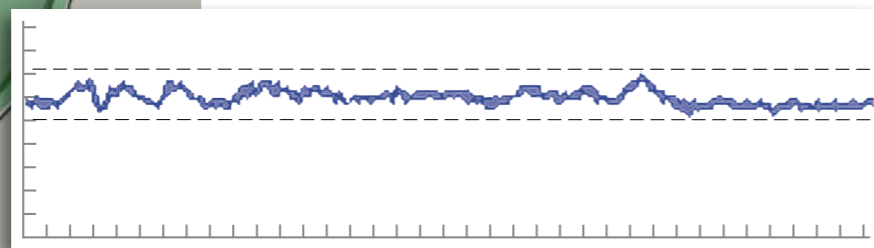
■ **FLYING BANDSAW**  
ACTIVE SAW GUIDE SYSTEM WITH MAGNETS

Bandsaw blade is only subjected to bending stress twice per revolution

1. Bending stress



2. Bending stress



- Higher saw strain
- Higher cutting accuracy
- Higher feed speeds
- Longer cutting time for the bandsaw blades

The FBS Technology achieves excellent production results in summer and winter operation.



Passage of the band through the lumber with active magnet guides (FBS-Technology)

True tracking is achieved with non-contact active guiding

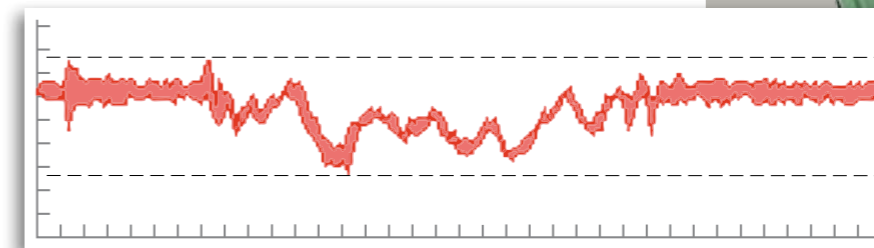
■ **PASSIVE CONVENTIONAL PRESSURE GUIDE SYSTEM**

Bandsaw blade is subjected to bending stresses 4 times per revolution.

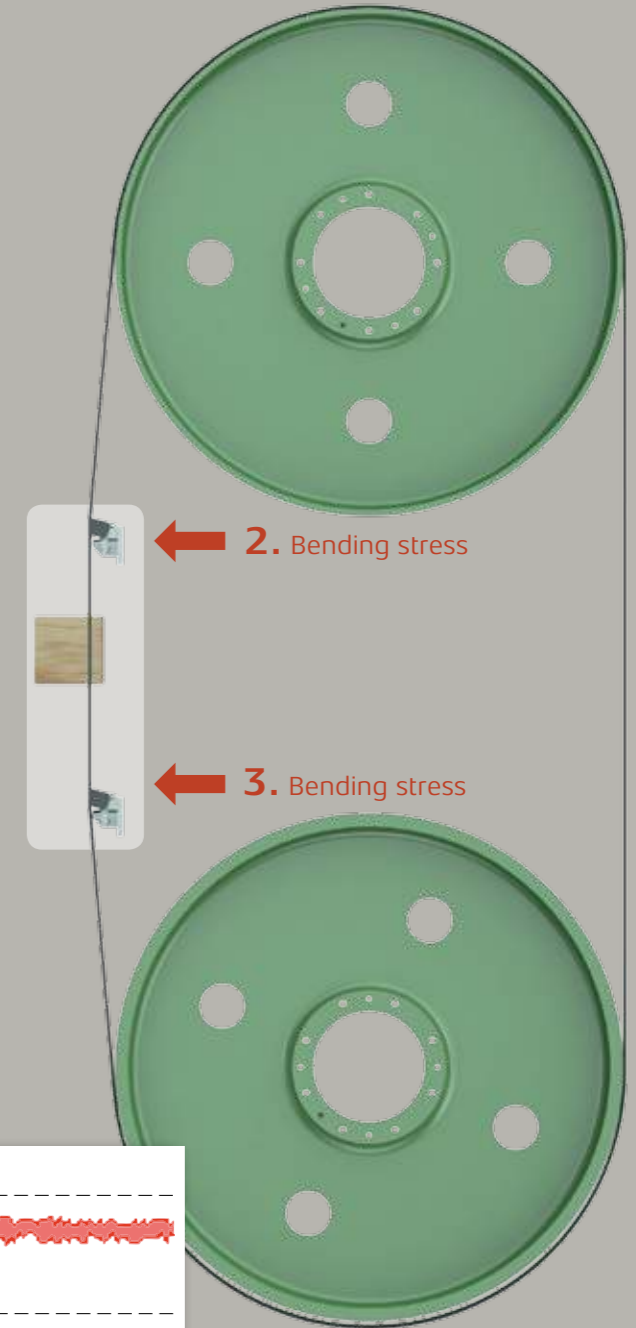
1. Bending stress



Passage of the band through the lumber with pressure guides



No saw tracking correction possible



4. Bending stress

## ■ THE ADVANTAGES OF THE FLYING BANDSAW TECHNOLOGY

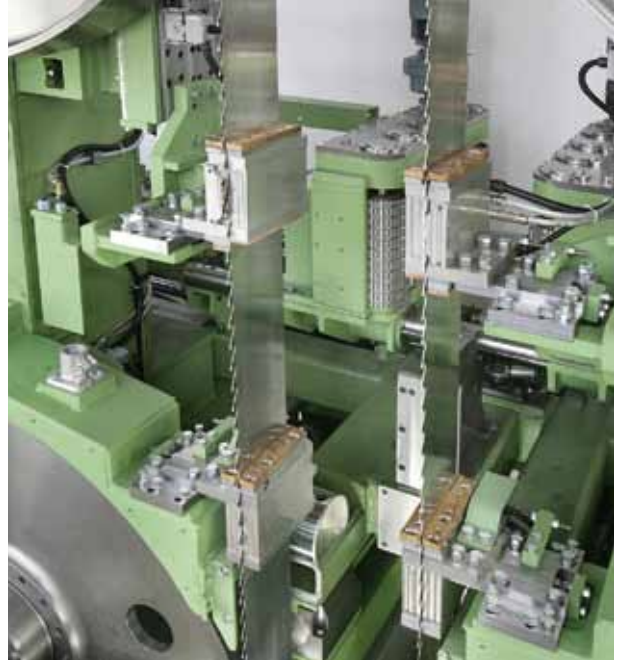
Relieving the saw blade of stress through conventional pressure guides allows the introduction of higher saw strain and higher saw speeds.

The exact tracking of the bandsaw blade as it passes through the lumber is achieved by the magnetic forces of the FBS Technology. This allows substantially higher feed speeds.

The results are

- constant accurate sizes
- and notably higher production and recovery

The FBS Technology achieves excellent production results in summer and winter operation.



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**EWD**  
The SawLine Company™

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