

# ■ FBS FLYING BANDSAW

Active saw  
guide system

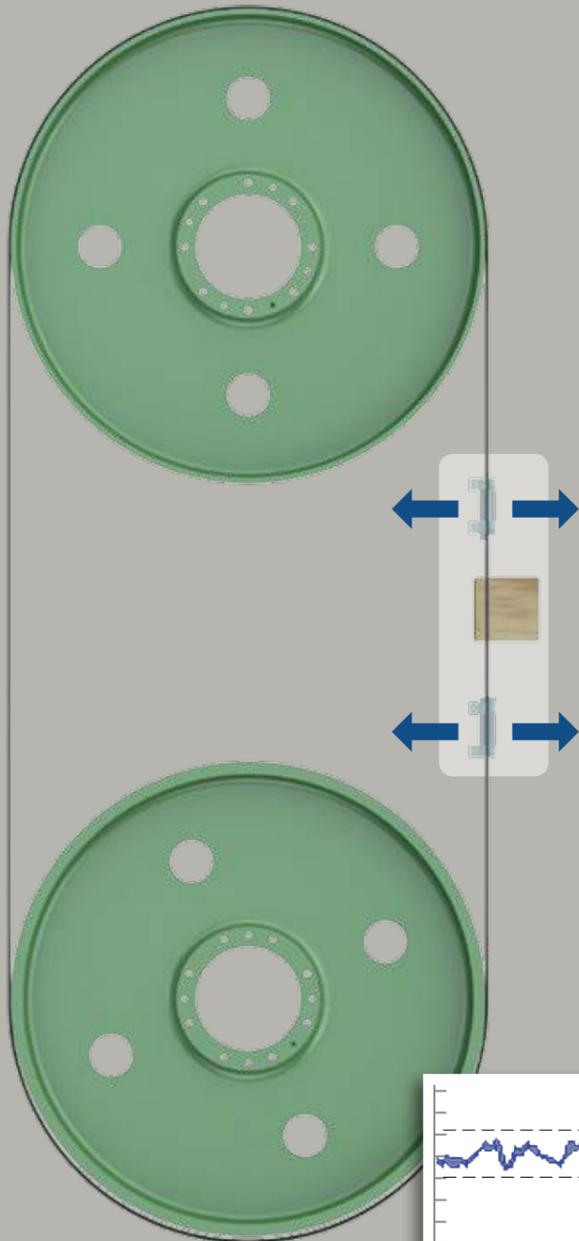
...for better cutting  
accuracy and  
higher production  
using intelligent  
magnets.



## ■ FLYING BANDSAW ACTIVE SAW GUIDE SYSTEM WITH MAGNETS

Bandsaw blade is only subjected to bending stress twice per revolution

1. Bending stress



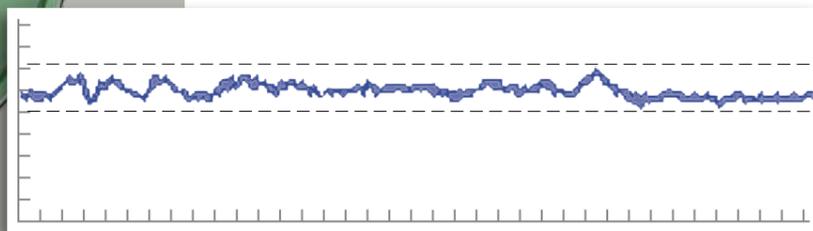
2. Bending stress

- 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)

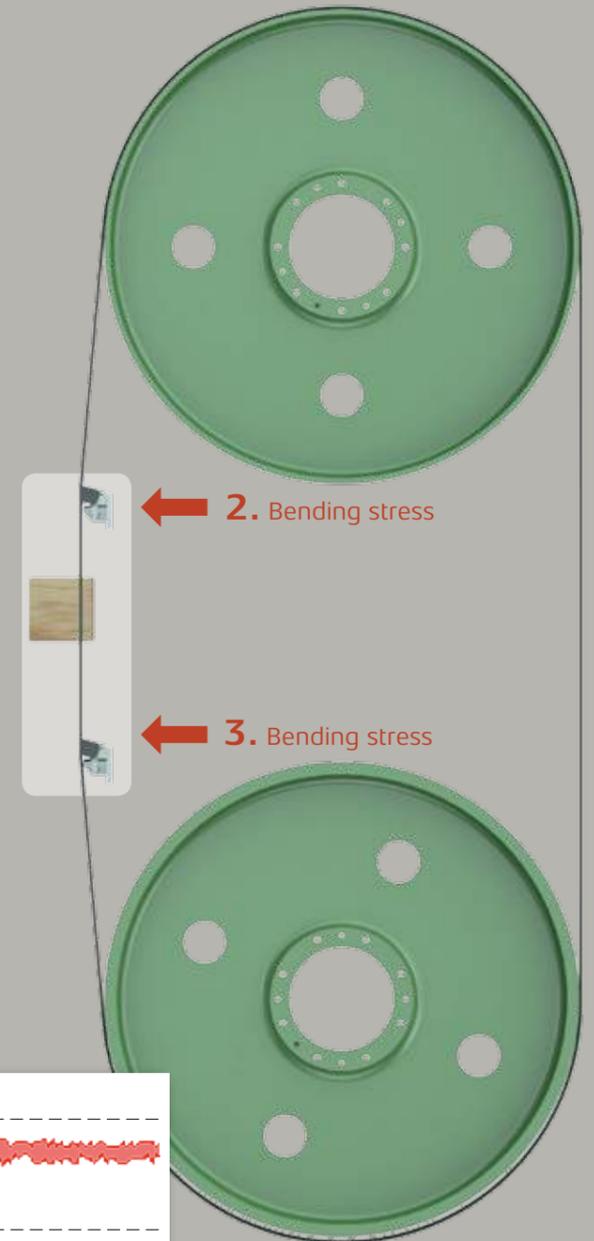


True tracking is achieved with non-contact active guiding

## ■ PASSIVE CONVENTIONAL PRESSURE GUIDE SYSTEM

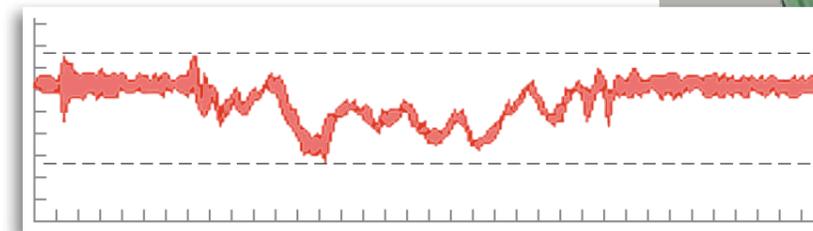
Bandsaw blade is subjected to bending stresses 4 times per revolution.

1. Bending stress



4. Bending stress

Passage of the band through the lumber with pressure guides



No saw tracking correction possible

## ■ THE ADVANTAGES OF THE FLYING BANDSAW TECHNOLOGY

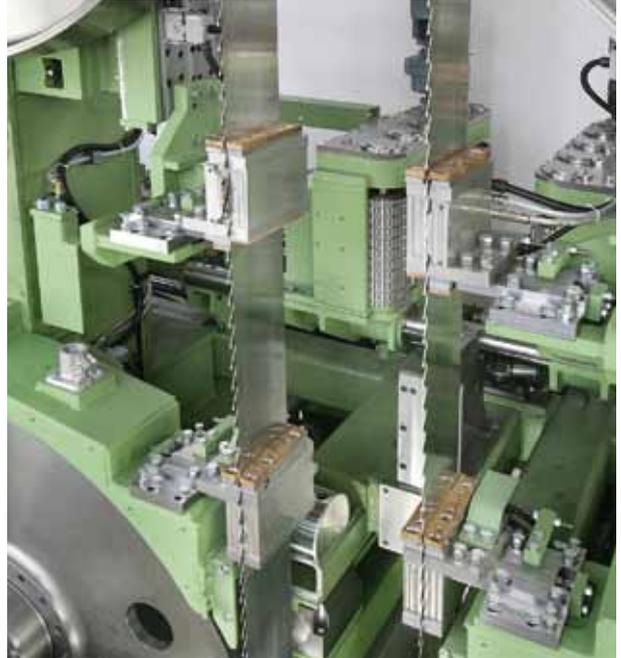
Relieving the saw blade of stress through conventional pressure guides allows the introduction of higher saw strain and higher saw speeds.

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.



**EWD Altötting - Head quarter**  
Esterer WD GmbH  
Estererstrasse 12  
84503 Altötting, Germany  
phone: +49 86 71 - 5 03 - 0  
fax: +49 86 71 - 5 03 - 386  
e-mail: info@ewd.de

**EWD Reutlingen - Branch office**  
Esterer WD GmbH  
Täleswiesenstrasse 7  
72770 Reutlingen, Germany  
phone: +49 71 21 - 56 65 - 0  
fax: +49 71 21 - 56 65 - 400  
e-mail: info@ewd.de

**EWD**  
The SawLine Company™

Due to constant product improvements or developments the illustrations and specifications contained in this brochure are subject to change without notice.