

**2015  
NEW**

# Soft Cut

*For insulation material with a density up to 100 kg/m<sup>3</sup>*

*Longer service life due to a special sawblade design and tooth geometry*

*Chip-free cutting of various types of insulation material*

*Economic efficiency*

**AKE**  
Cutting & better

## **Next generation of circular sawblades for chip-free cuts**

The currently most popular insulation materials in the market are glass wool and rock wool. In the past these types of material, consisting of mineral fibers, had been cut with conventional circular knives and segment sawblades.

Soft Cut, the new circular sawblade for insulation material, can be resharpened several times and cuts these types of material far better, producing a much cleaner cutting edge. Despite the extremely abrasive effect of the insulation material, the service life of Soft Cut exceeds the life of circular knives and segment sawblades by far. Moreover, there are virtually no or hardly any „chips and dust“ due to the chip-free cuts.

### **Product benefits:**

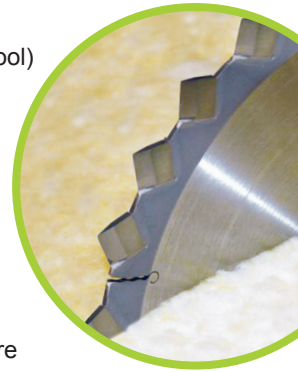
- ▶ Resharpenable
- ▶ Much cleaner cutting edges
- ▶ Longer service life than common saw blades
- ▶ Chip-free cuts

## **Fields of application:**

Insulation material (rock wool and glass wool)

- ▶ Mineral-based insulation material
- ▶ Cellulose-based insulation material
- ▶ Processing foamed material

The Soft Cut sawblades are so far being produced in Balingen in sizes of 200 to 1200 mm diameter with a cutting width between 2.2 to 5.0 mm. The dimensions are always individually adjusted to customer demands.



## **Processing insulating material**

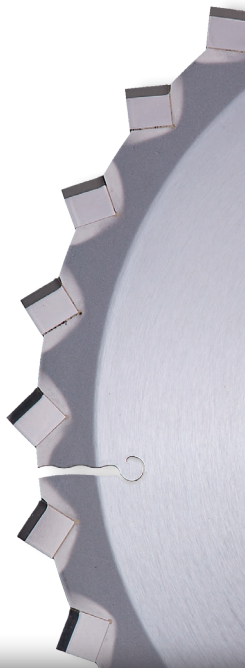
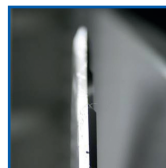
- ▶ Continuous processing
- ▶ Cutting without or just very few chips (the smaller the amount of chips, the lower will be wear and tear on tool, machine & dust extraction hose)
- ▶ Applicable for both longitudinal and cross cuts
- ▶ edge saw or splitting saw variant depending on the position of the machine or plant

## **Teeth (HW) – Versions**

- ▶ One side acute for edge trimming



- ▶ Both sides acute for splitting cuts



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**Chip-free cutting by AKE**