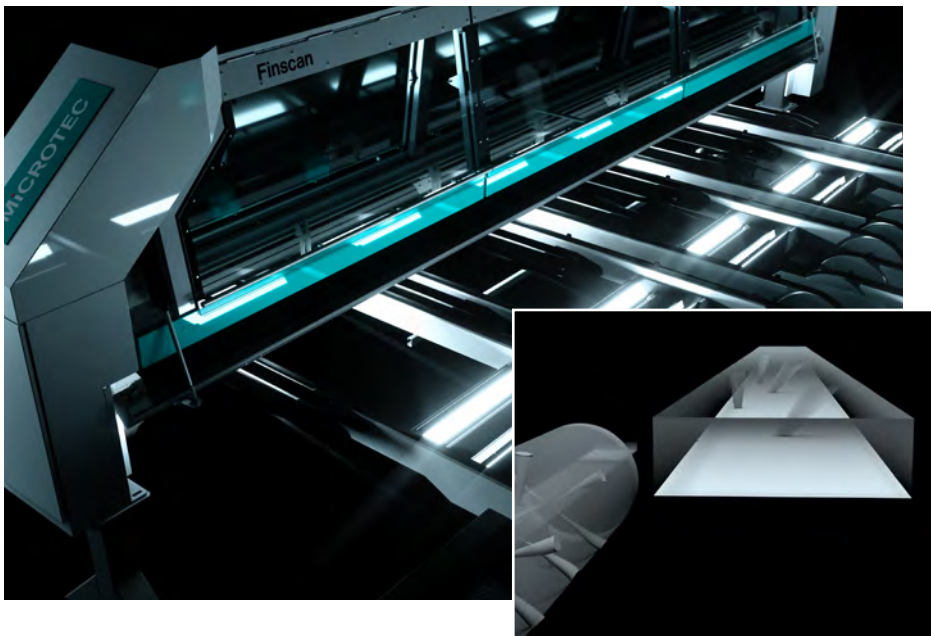


# Strength grading

The completely new sawn timber strength calculation software is approved for use in mechanical strength grading in accordance with standard EN 14081. The advantage of the system is that as a fully software-based solution it can be installed directly on almost all Finscan systems in use without any changes to the electronics or sawmill mechanics.



## Benefits of Strength grading

- × fully software-based system
- × boosted with AI
- × installation needs no changes to electronics or mechanics
- × dimensions for spruce up to 110 mm thickness
- × dimensions for pine up to 82 mm thickness
- × continuously developed for new growth areas

## Several growth areas

- × **Machine strength grading in accordance with EN 14081**
  - × Strength grading with NOVA up to class C40 and with HD up to class C30
  - × T-classes possible up to class T22
  - × Can be used for green sorting, final sorting and planed timber sorting
- × **Strength grading in accordance with visual standards (INSTA 142, BS 4978)**
- × **Visual grading of structural lumber in accordance with North American ALS/CLS standards**
- × **Visual grading of glulam products (JAS)**

Strength grading can be used in final and green sorting as well as in planed timber sorting. It has option for North American ALS/CLS sorting and for Japanese JAS.

