

Parquet & Flooring



Scanning for perfection

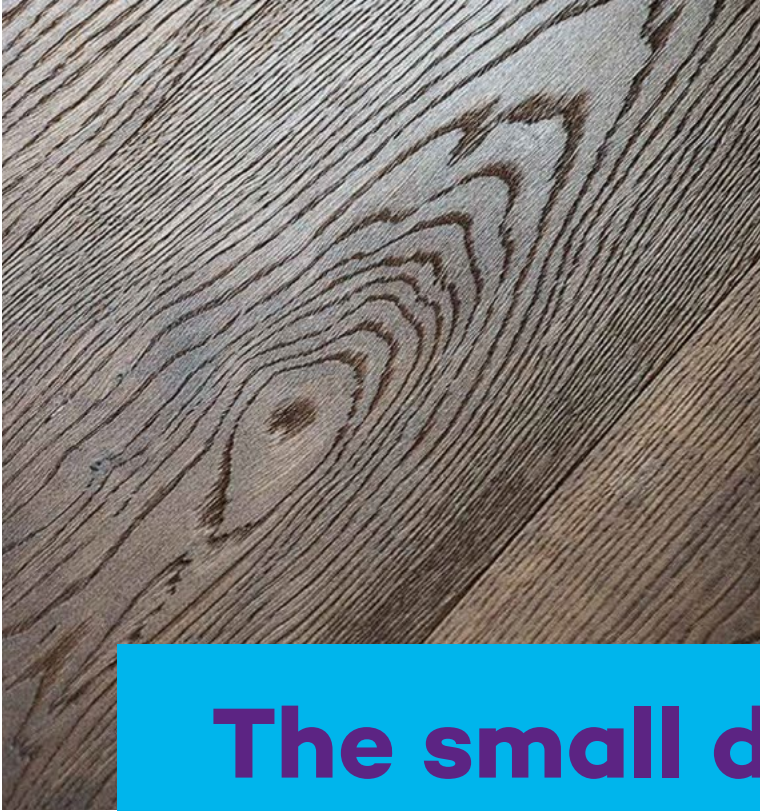


High performance at full speed

Parquet and Flooring are one of the most advanced and hardest applications in the wood scanning industry as the esthetic requirements are often detailed and extra demanding.

The WoodEye Parquet and Flooring scanners have better and more precise detection than anyone else on the market. What really defines the scanners are their ability to recognize cosmetic defects. The systems complex algorithms recognize small deviations in esthetics and make it possible to sort and grade the material with immaculate accuracy and consistency, at full production speed.

Color and grain pattern detection and thickness measuring are essential for quality control and consistency in parquet and flooring production.



The small decisions make the big difference

Stepping up with esthetic detection

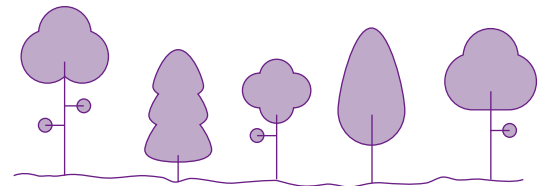
The sensors measure the dimension of the components with a precision at 0,2 mm. The detection is optimized by numerous cameras and sensors to distinguish variations in color and tone as well as degrees of darkness and shade.

Our unique sensors provide entirely new opportunities for detecting structure. By looking at how the laser light is scattered on the lumber, we can determine the fiber direction of the component.



Market leader since 1987

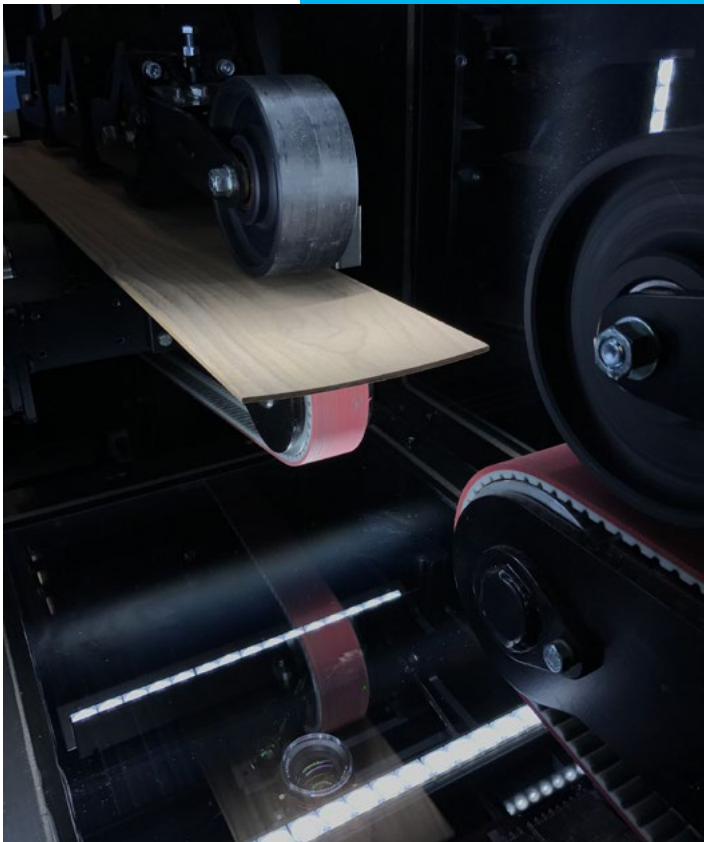
WoodEye delivered the first parquet scanner in 1987 and has been leading the market since then. With the best performance in the industry, we are proud to have delivered the majority of the parquet scanner on the market.



Types of wood that are scanned
Oak, Maple, Ash, Beech, Pine, Walnut etc.

Efficient and consistent

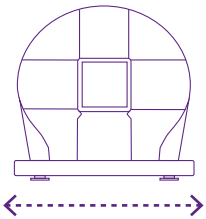
The level of quality obtained with the scanners is not possible with manual sorting. Manual inspection is subjective to the inspector and involves the risk of quality assessment being too negative, resulting in complaints, or too positive, resulting in a loss of potentially higher revenue. With a WoodEye scanner, you are guaranteed higher sorting speeds and absolute consistency.



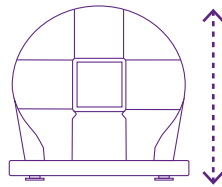
Flooring applications

Woodeye Flooring is used by manufacturers of solid or laminated wooden flooring systems for esthetic detection and grading as well as to optimize their crosscutting of high-quality lumber and therefore maximizing the value of the material used.

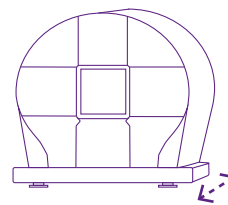
Facts & numbers



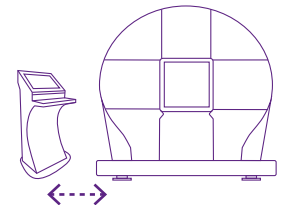
Width
1940 mm



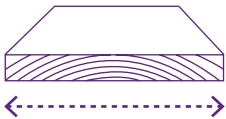
Height
1738 mm



Depth
939 mm



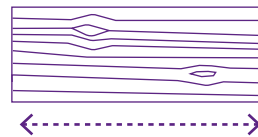
Distance to control
3.5 m



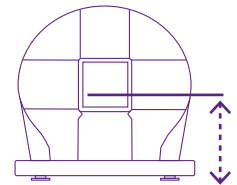
Width
50 - 250 mm



Thickness
2 - 12 mm



Length
0.2 - 3.5 m



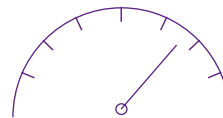
Bottom side of wood
900 mm



Operating voltage
230 V 50Hz



Weight
650 kg



Speed
Up to 250m/min



The WoodEye way

The first WoodEye scanner was delivered back in 1987. Since then, we have sold scanners all over the world and spent over 30 years improving and perfecting our product range and software to offer the smartest solution on the market.

Just as our products, we continuously refine our process to ensure our customers' success and satisfaction. Every customer is met with a unique approach tailored to their operation and their needs.

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