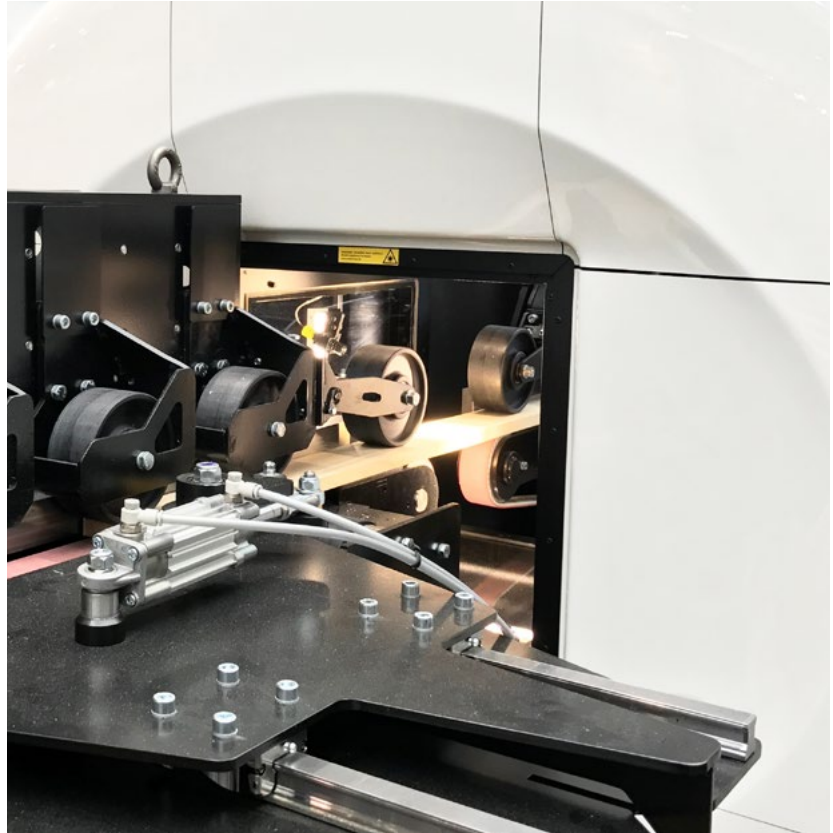
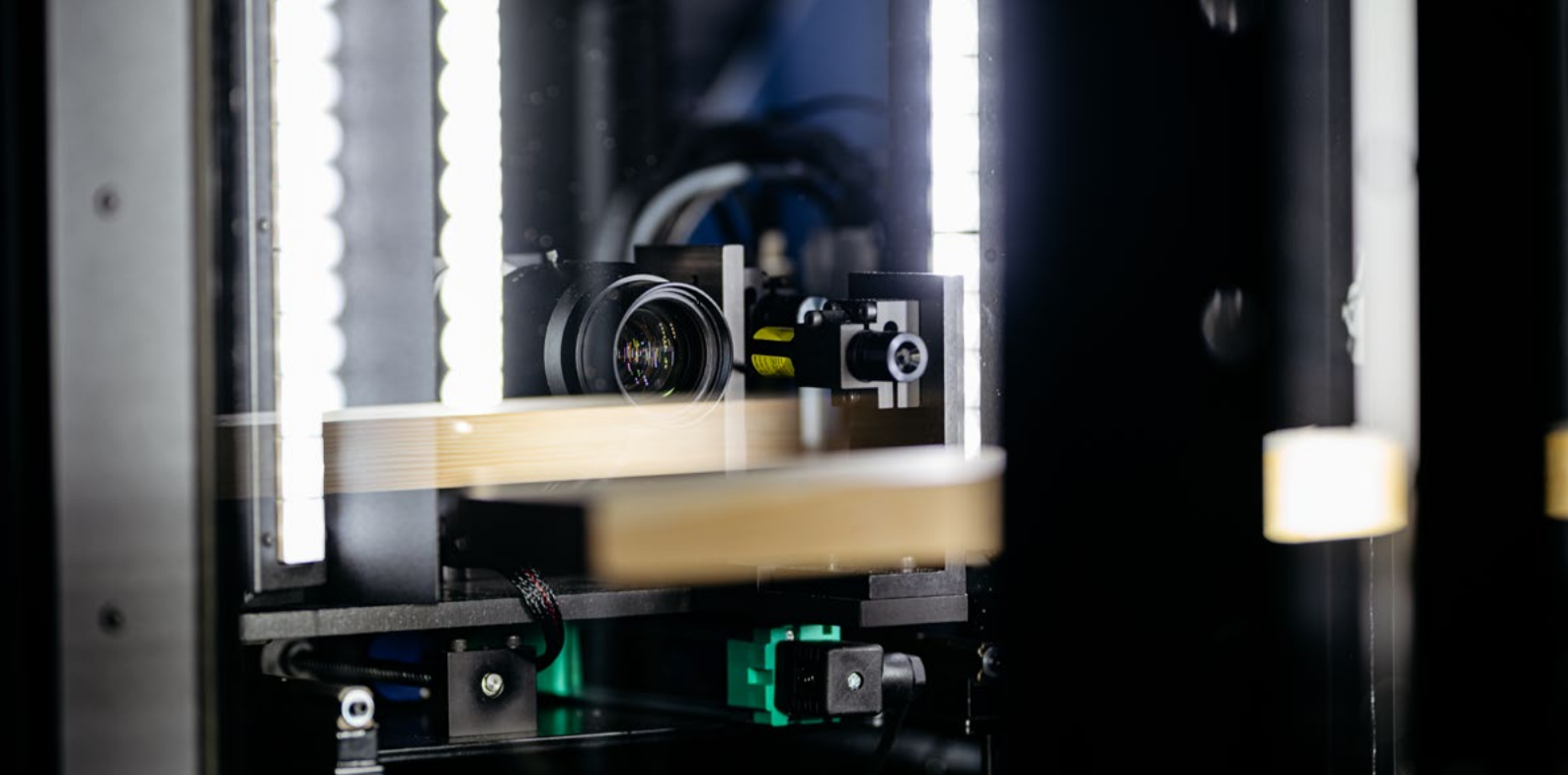


Cross Cut

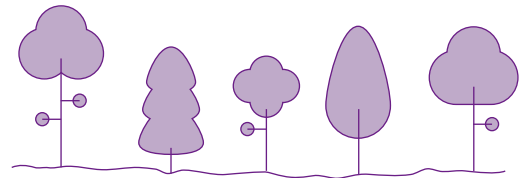




Cutting-edge technology

For the most and the best out of your material

The WoodEye Cross Cut detects biological and geometrical deviations in boards that are defined by type, size, and position. Rot, blue stains, and pith are detected, as are dimensional defects such as knot holes and wane. The image sensors in the measuring frame also register fiber direction and roughness by detecting how the laser light is scattered on the lumber surface.



Types of wood that are scanned

Pine, Spruce, Oak, Maple, Ash, Beech etc.

Unmatched detection, even smarter optimization

As the lumber passes through it's inspected and measured on up to four sides simultaneously by multiple cameras and sensors – each specialized in detecting various properties in the lumber. This information is then used to control crosscut saws, trimmer saws, and sorting equipment.

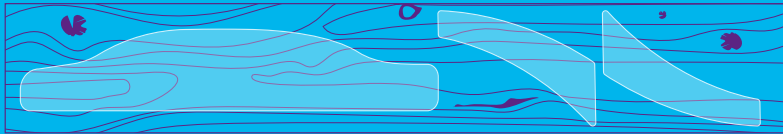


Cutting it close to perfection

The WoodEye Cross Cut uses advanced technology to get the maximum yield from your lumber. It takes over the optimization work from the crosscut saws' to scan and optimize simultaneously. Crosscuts are positioned with great precision to cut right at the edge of the defect and maximize the defect-free area.

Value-based production

When inspecting the material, the scanner references to all the products that must be produced and calculates the optimal way to cut the material. The system considers the value of each individual product, as well as your quantity and distribution goals. These complex rules optimize the use of each board and enhance your production at the same time.

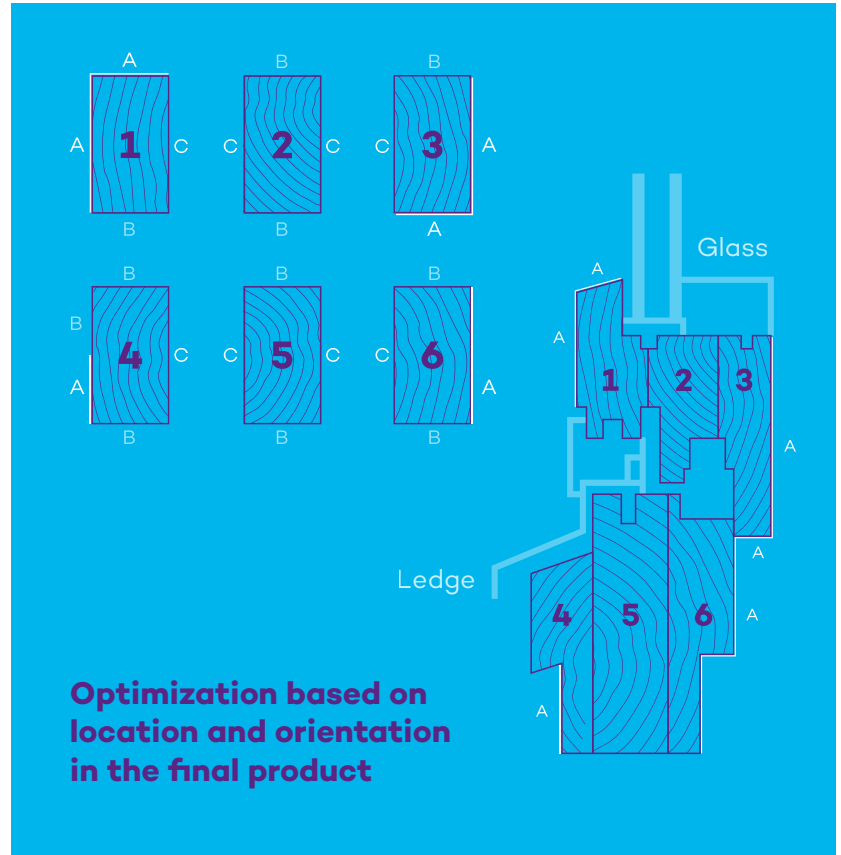


**Others cut by length.
We do it smarter, cutting
by shape and quality.**

Furniture applications

With our optimizing software for Furniture application, the scanner can apply the geometrical shape of your components from your CAD onto the lumber. Your component will be fit excluding undesired defects. This technology makes it possible to accept

defects on surfaces that are outside the component's outlines – surfaces that will be milled away later. The quality of the finished component is unaffected, keeping waste to a minimum.

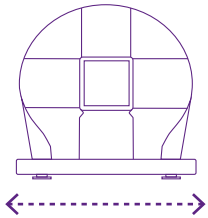


Window applications

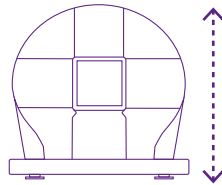
The WoodEye scanner analyzes all four sides of the lumber and applies one or more qualities on each side, both lengthwise and crosswise. In window frame manufacturing, most sections consist of parts that are laminated together. This allows you to cost

optimize your product by placing the lower qualities hidden inside or against a wall, and the finer qualities visible. The system will also optimize your production towards your product quantity goals so that you produce the right amount of each quality needed.

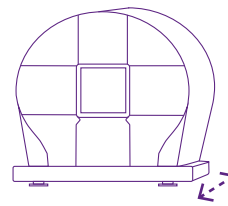
Facts & numbers



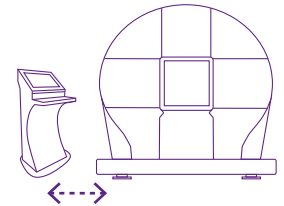
Width
1940 mm



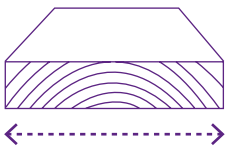
Height
1738 mm



Depth
939 mm



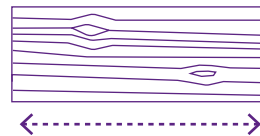
Distance to control
3.5 m



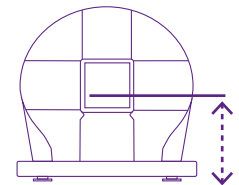
Width
45 - 250 mm
20 - 235 mm



Thickness
4 - 90 mm



Length
0.75 - 6.5 m



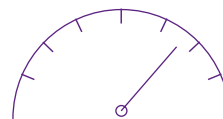
Bottom side of wood
900 mm



Operating voltage
230 V 50Hz



Weight
650 kg



Speed
Up to 650m/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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