Finscan 900

MICROTEC

Finscan 900

Efficient transverse multi-sensor quality scanner
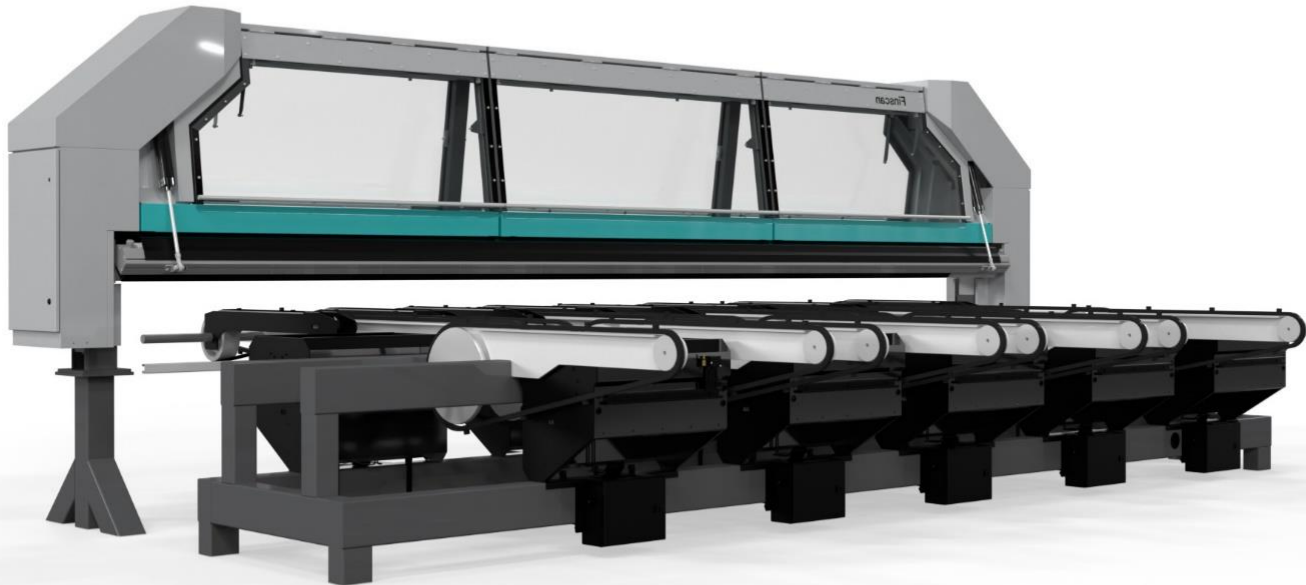
Customer benefits

✓ <u>Full-length</u> real-thickness measurement with <u>IR-Laser</u>

✓ <u>Enhanced</u> wane detection with <u>IR-laser</u>

✓ <u>Enhanced</u> defect detection with pure white LED-light

✓ <u>Fully integrated</u> into the MiCROTEC Ai platform and MiCROTEC Connect

✓ <u>Reduced</u> footprint of 2400 mm (space needed)

✓ <u>New</u> optimization software & statistic (same as Goldeneye)

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Efficient transverse multi-sensor quality scanner

Note:
number of station depends from layout & version configuration

4, 5 and 6m version available

Description in the slide

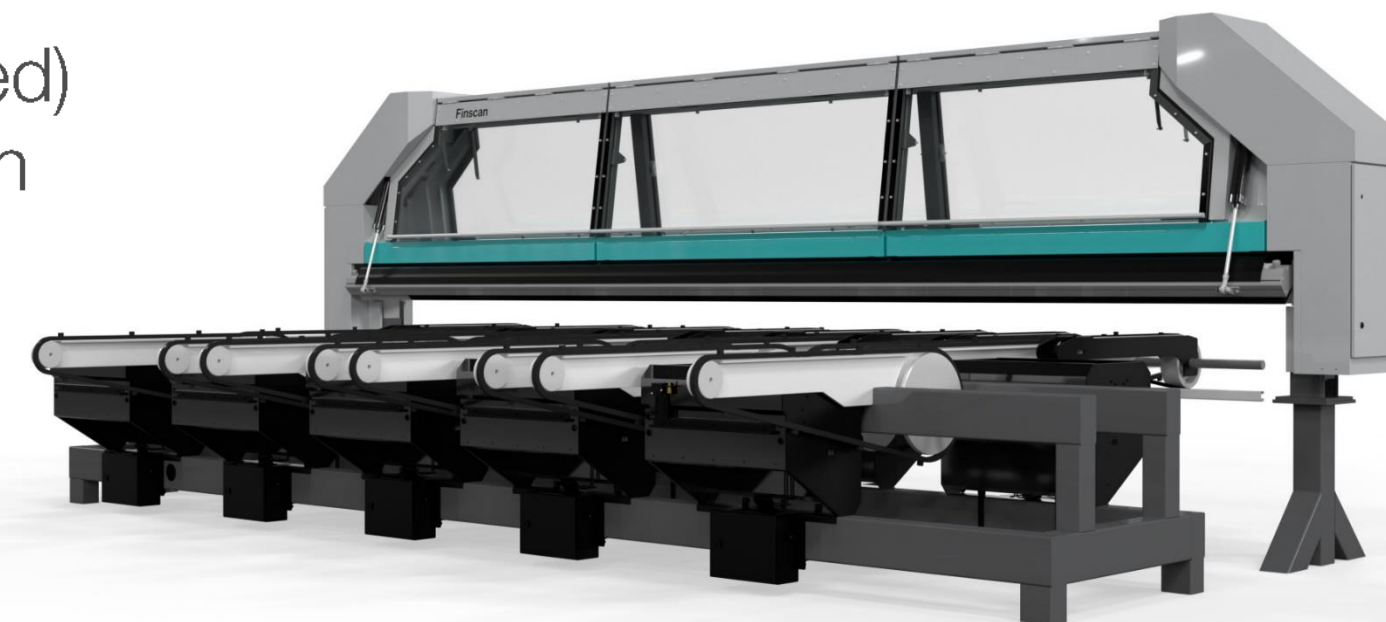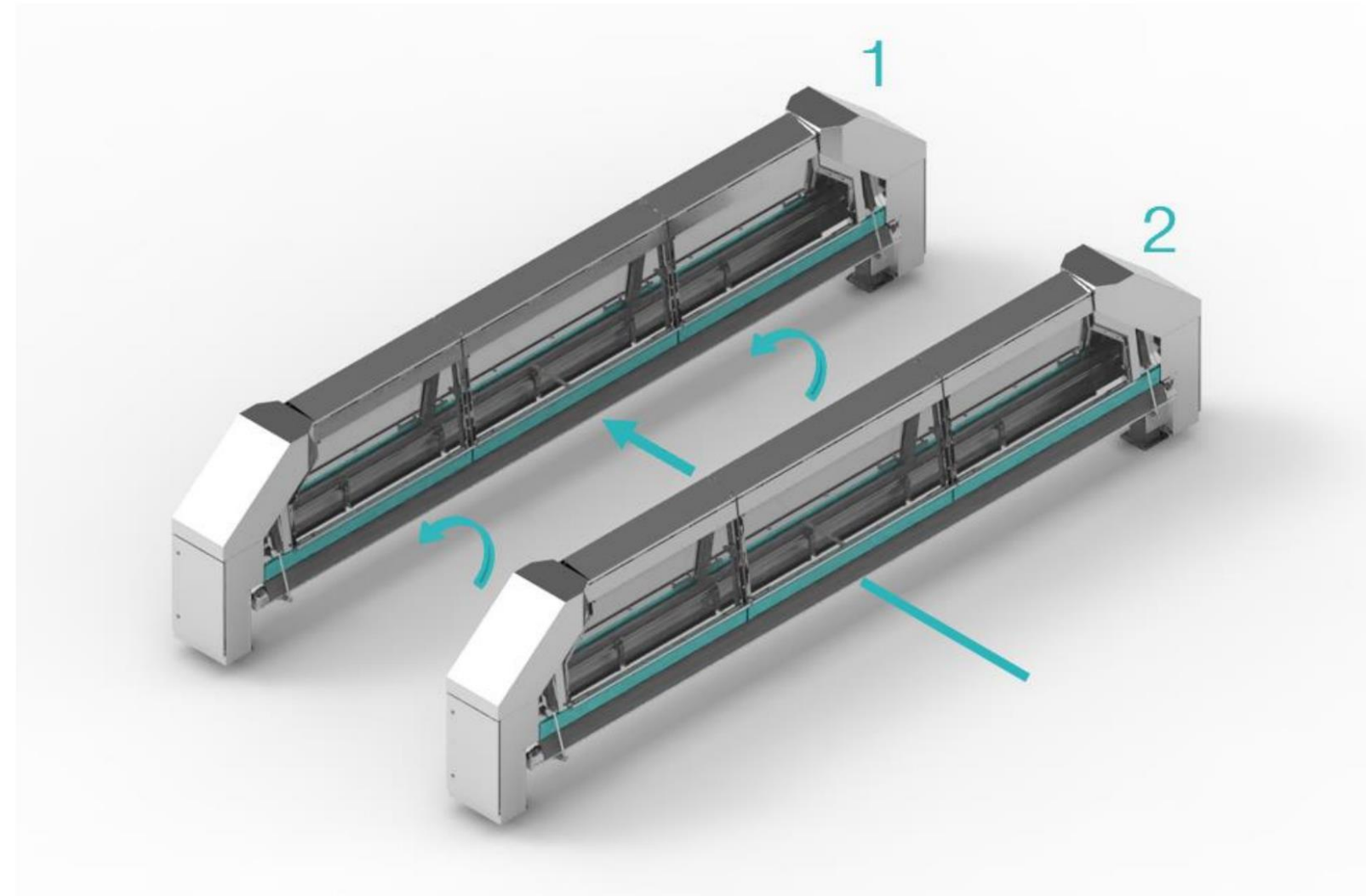|	
Application	Sorting, Trimming, Grading, Edging
Grade Definition Feature	Nordic Timber Grade, Visual Grade
Board Length	Up to 6200 mm
Board Width	up to 600 mm as std. (unlimited)
Board Thickness	Up to 100 mm (pass through 150 mm)
Speed	Up to **240** lugs/min

Layout & Versions

Main versions:

TOP & TOP
TOP & BOTTOM (Gapless)

Mechanization:

T&T → no limitation on chain positions (board turner required)
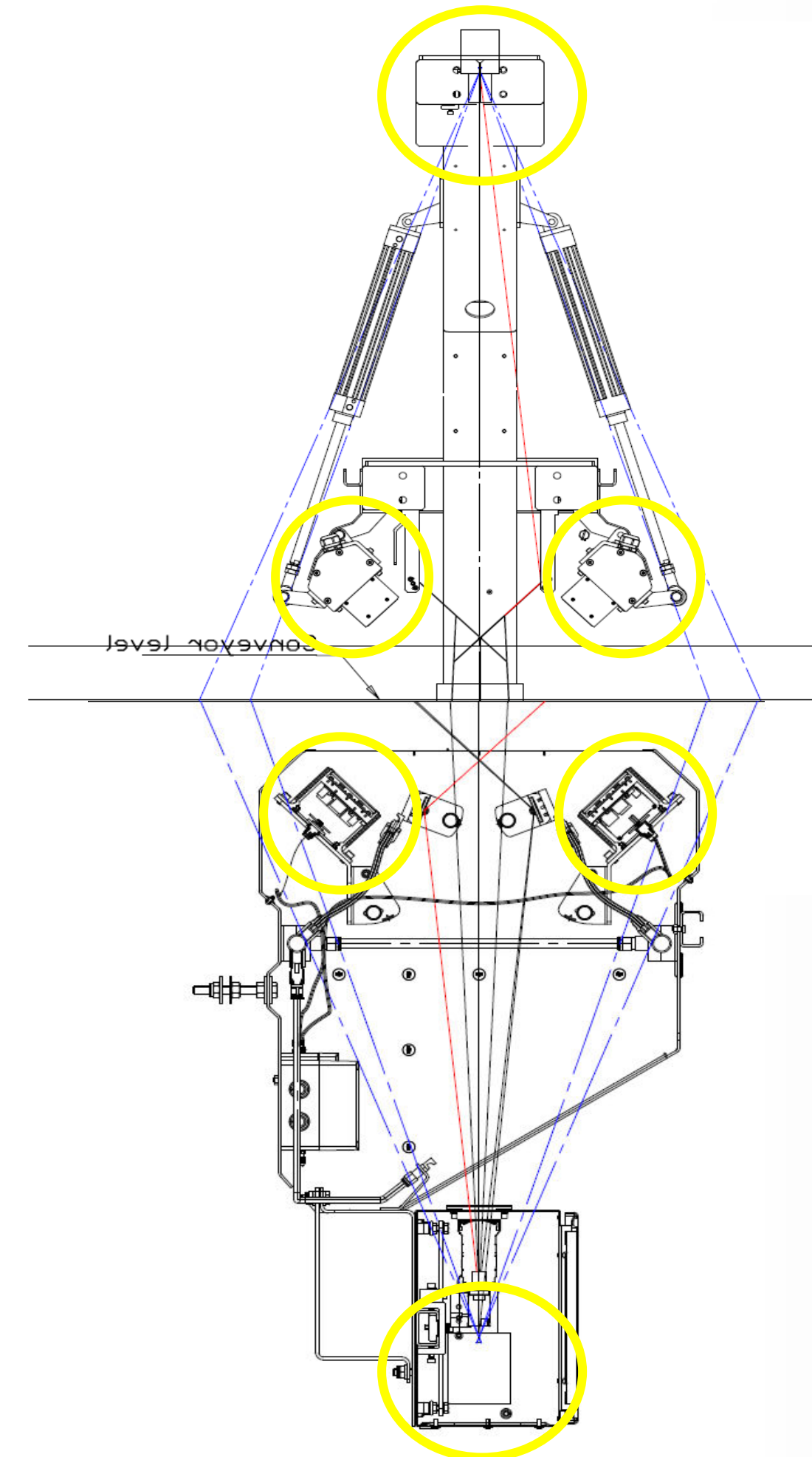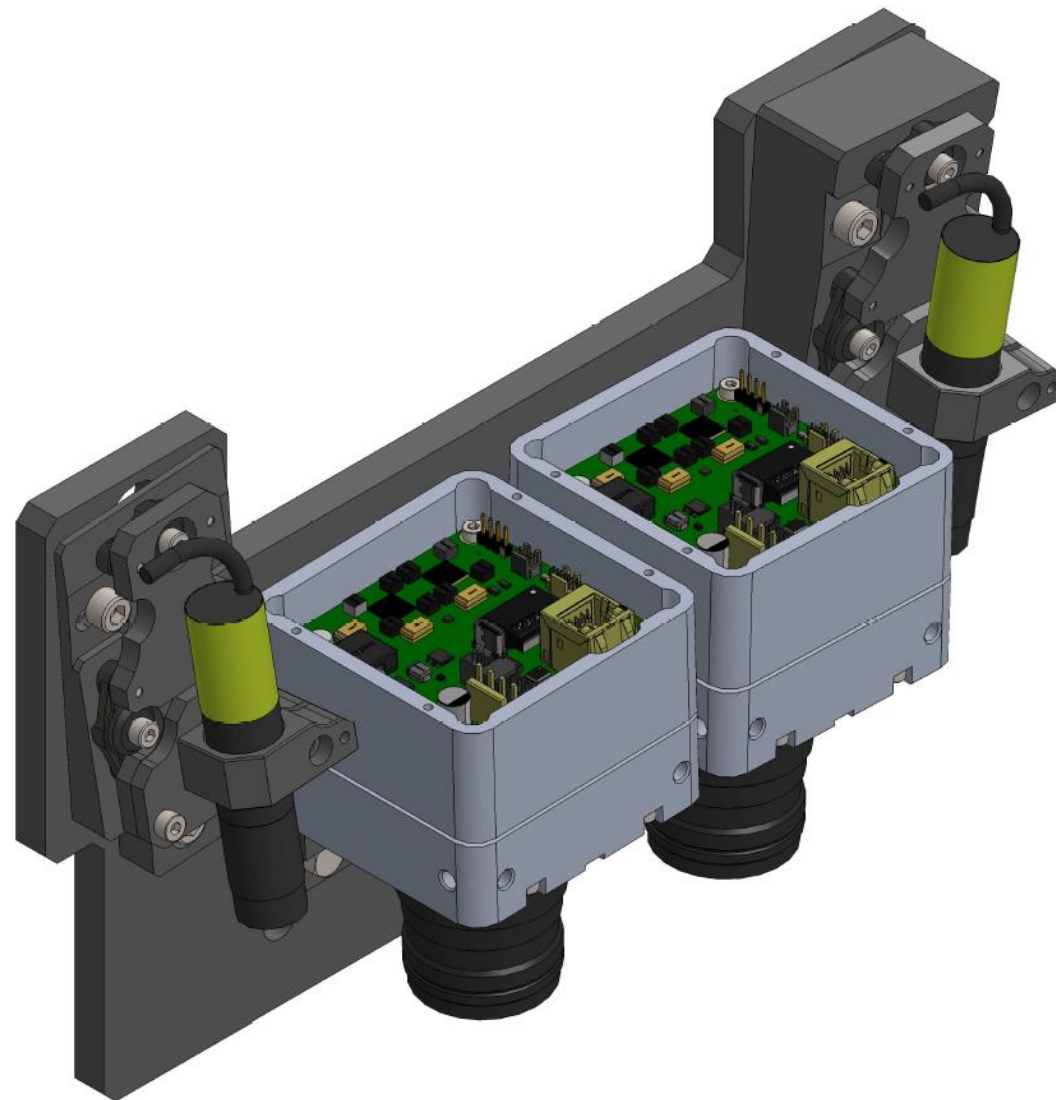T&B → different locations depending on gapless information

Layout & Section

Perfect combination of Finscan patented mirror system and MiCROTEC 3D technology

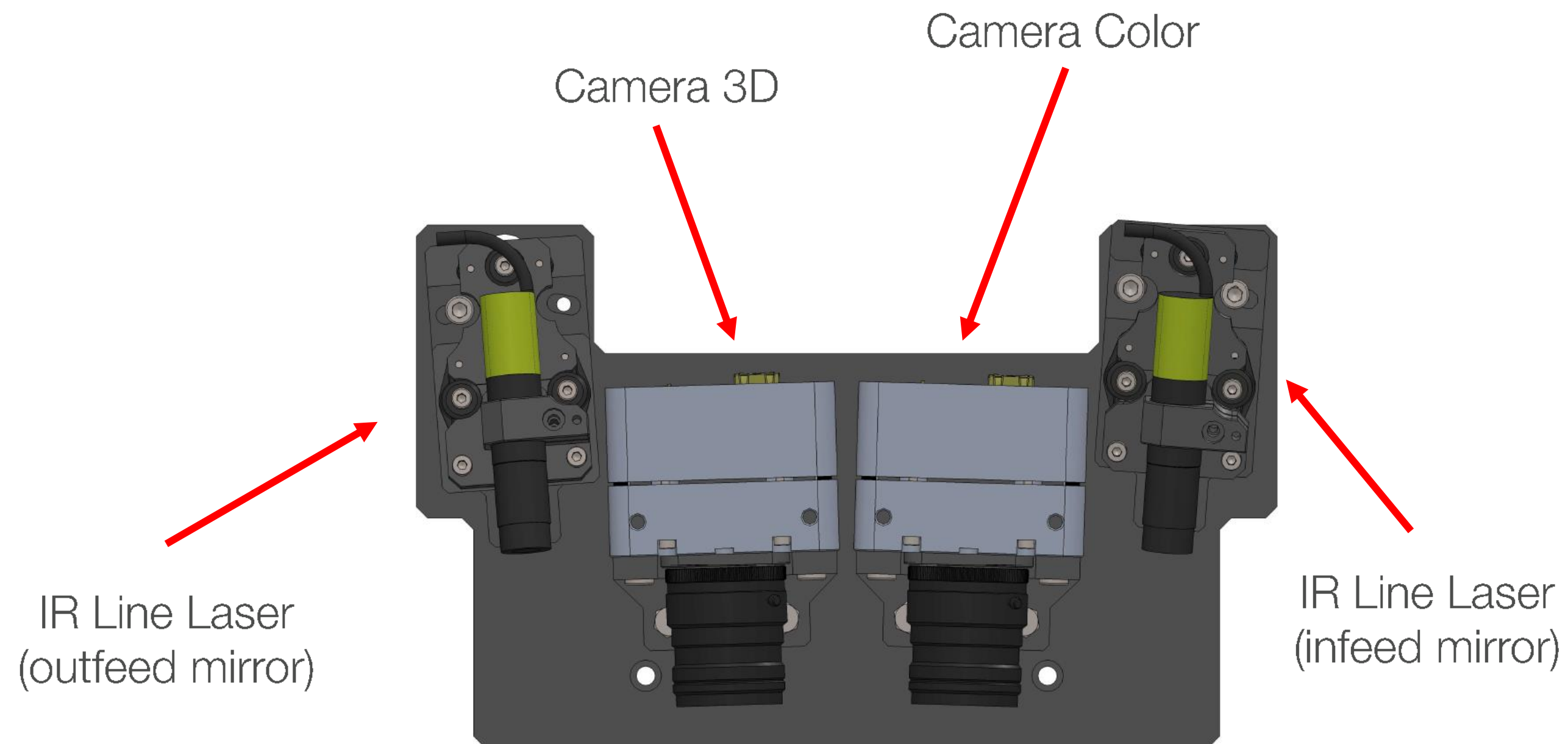New camera module: Dimension and Color
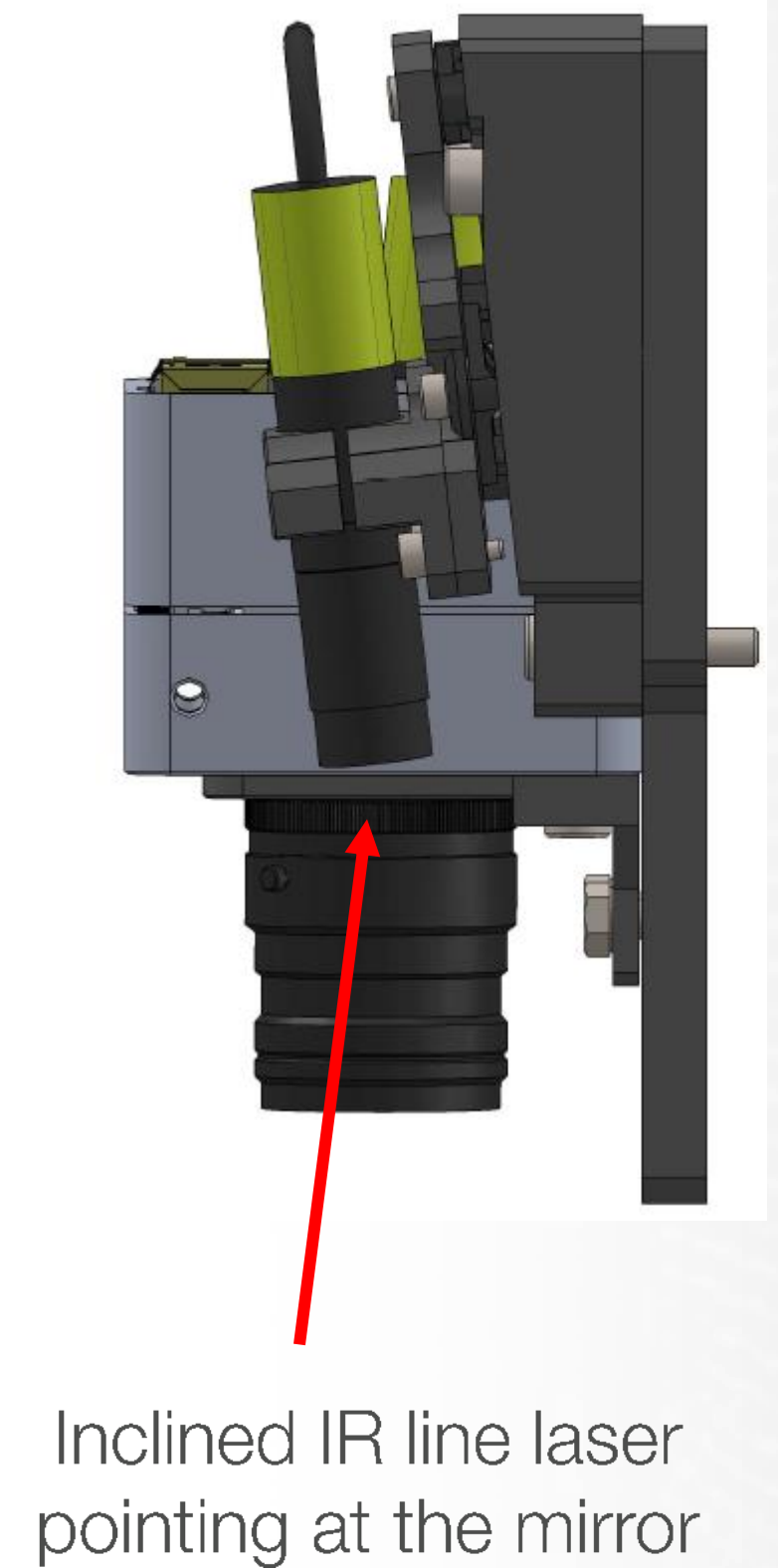
New Led lamp: white light at 5700 K 4 sides

Camera Module
Dimension-Color

Camera Color

Camera 3D

IR Line Laser
(outfeed mirror)

IR Line Laser
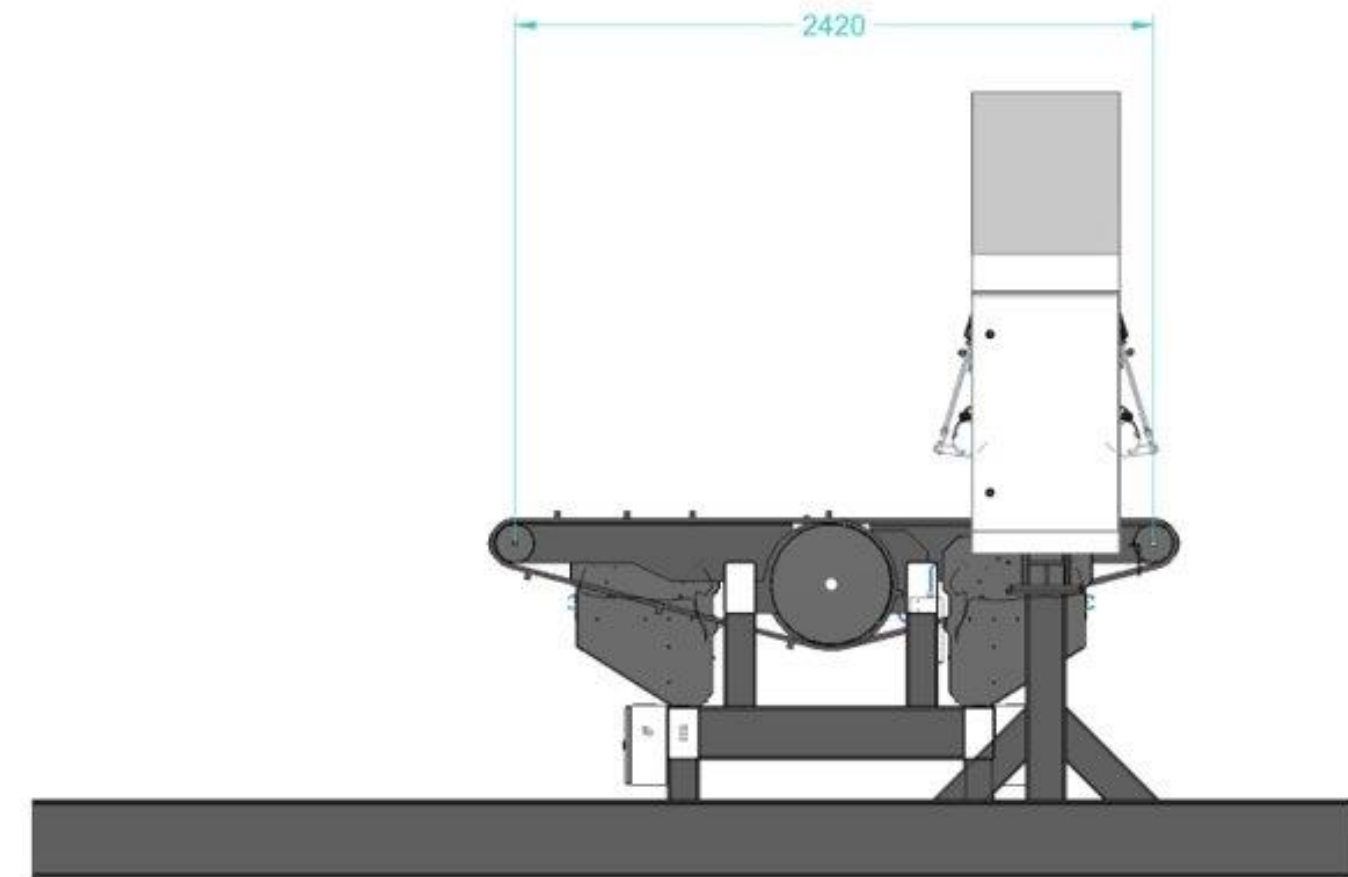(infeed mirror)

Inclined IR line laser
pointing at the mirror

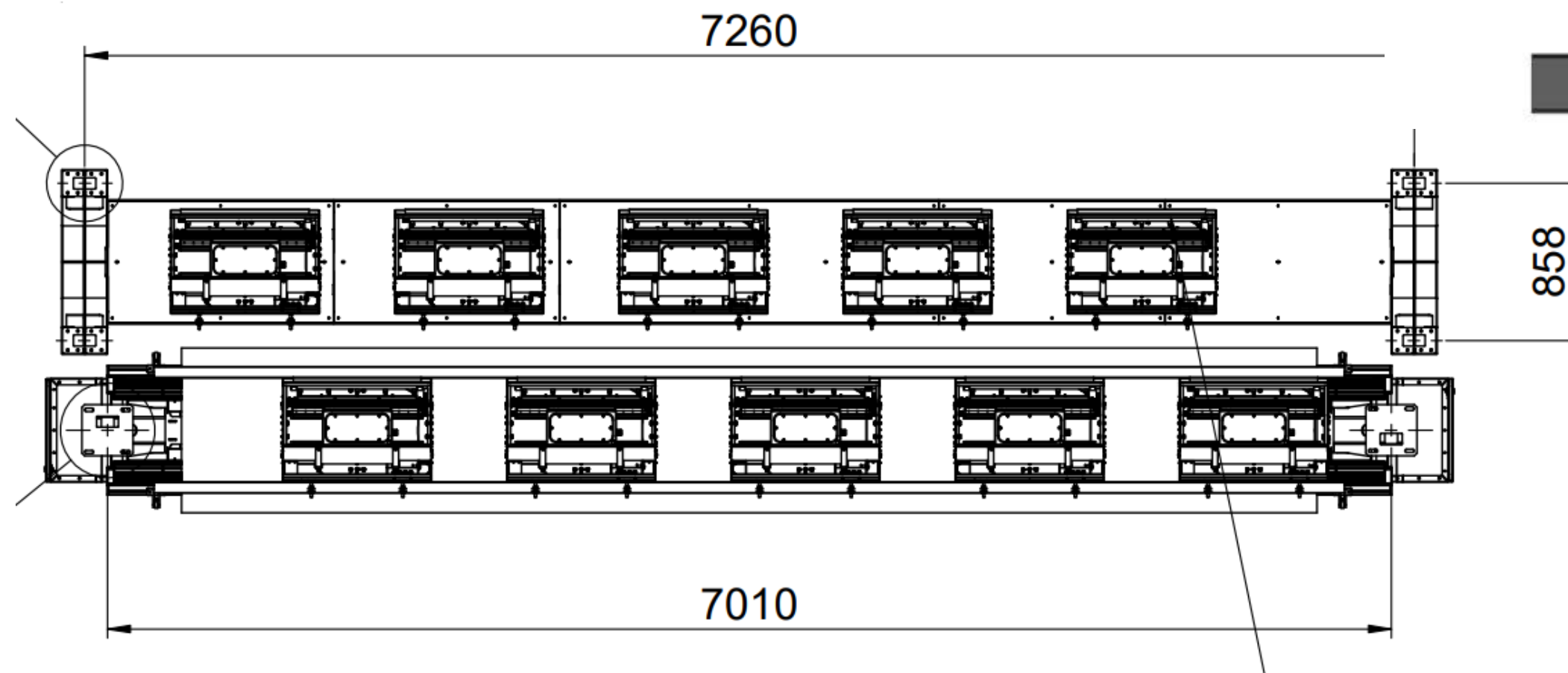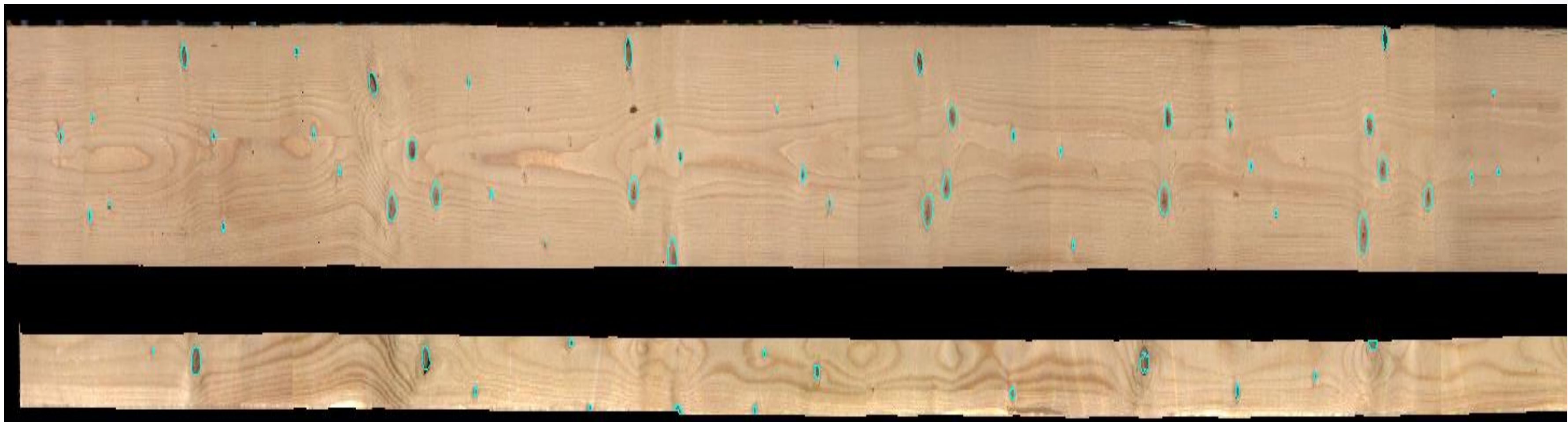# Layout Top & Bottom Version

Finscan 900 T&B version has a footprint of 2420 mm:
more than 1.8 m shorter than the previous model (4300 mm).
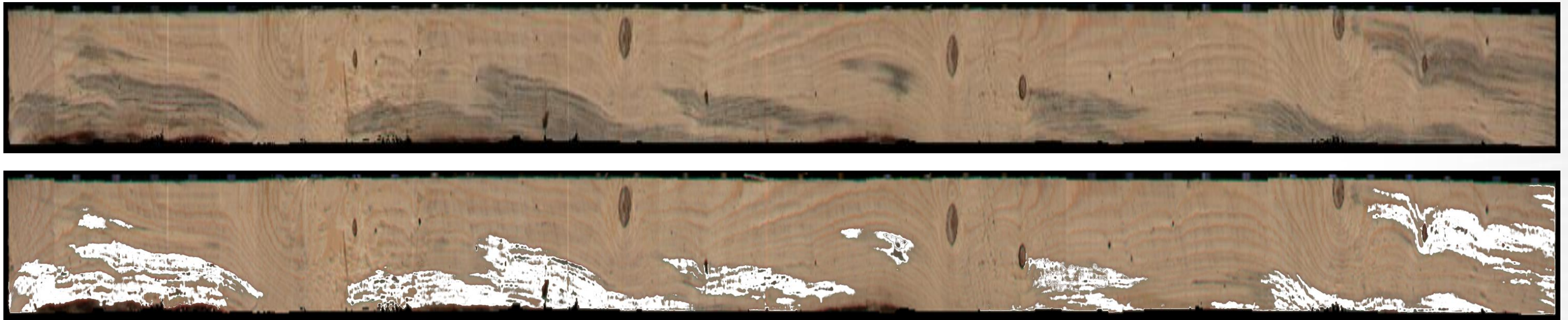
Moving the first row of bottom modules exactly under the top frame, Finscan 900 fits easier in existing line and save space in new sawmills.

MiCROTEC

Knots

Blue stain

MiCROTEC

Brown stain

Thank you

MiCROTEC