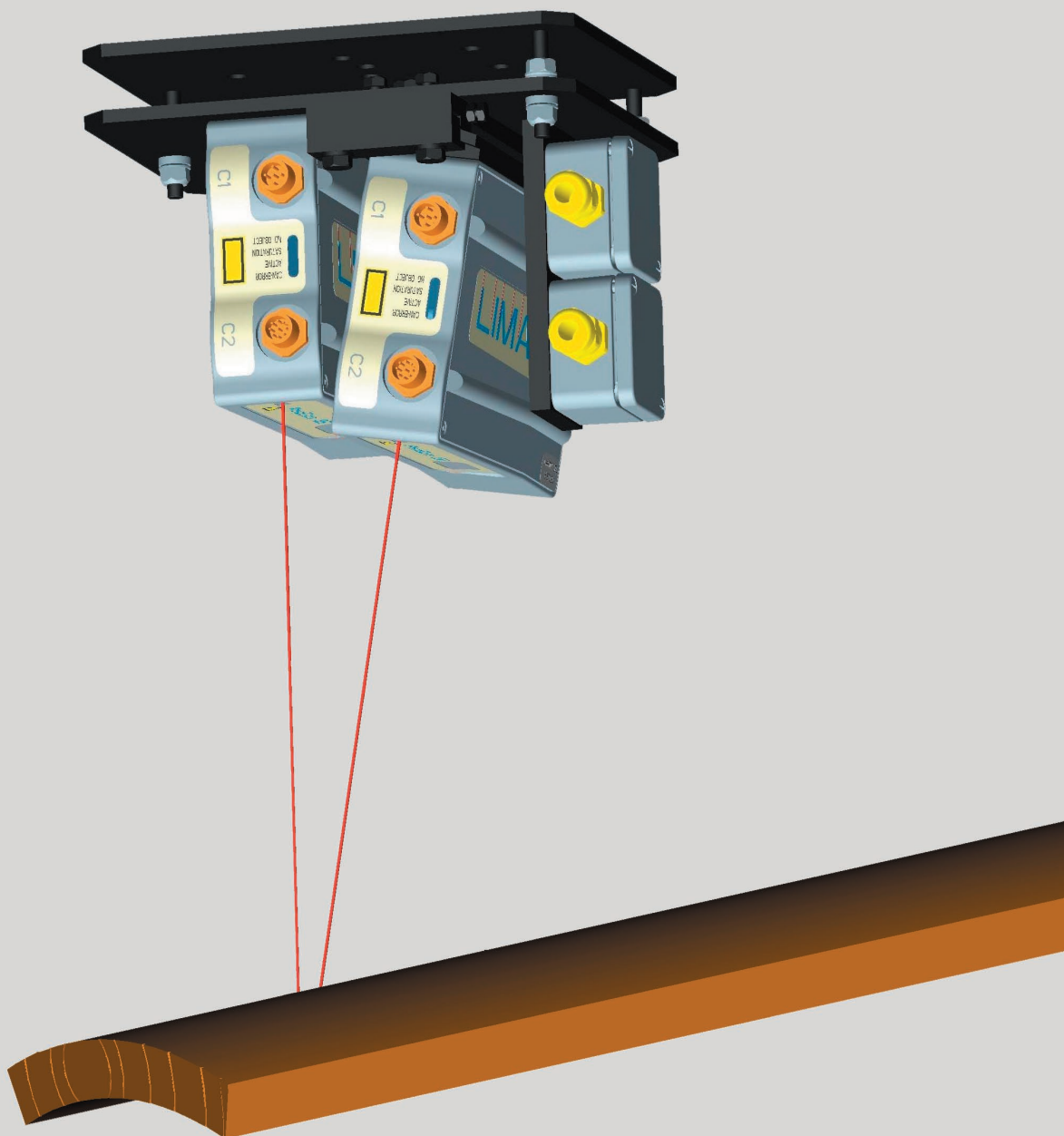


# LIMAB®

## ***Cup Profiler***

***Automatic measurement system for boards cross profile.***



# Cup Profiler

**Cup Profiler is an automatic measurement system for boards cross profile.**

- The measurement principle is non contact laser triangulation with double sensors and Windows software.
- By measuring with two sensors from the same side simultaneously, the influence from the vertical movement is reduced to almost zero.
- The system consider the board profile and not its growth ring before giving a turning signal.
- The system is independent of variations in surrounding light and reflections from the wood surface.
- The PC stores information about the board profiles and it is easy to use with Windows graphical software.
- Cup Profiler can separate a cup from a vane.
- The system is reliable and accurate with no mechanical wear.

## Mounting:

To be mounted in a transversal conveyor before e.g. a planer or a rip saw.

## System includes:

2 pcs. PreciCura SR sensors and cables.

Double mounting bracket.

PC with Windows software and CAN-bus card for configuration of the system and information about measured values.

Digital output module in separate box for turning signal. 2 pcs CAN Connection box, for connection of sensors to CAN-bus.

CAN-bus cable, 40 m, PC - sensors.

Manual

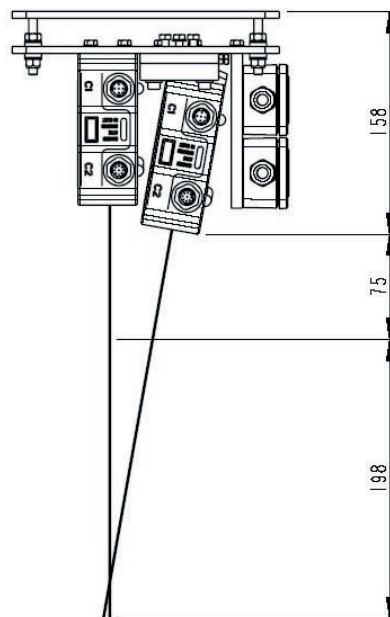
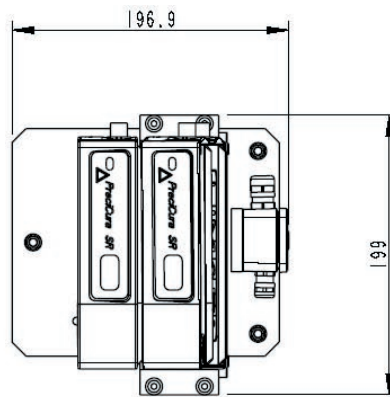
Upgrading with more tracks is possible.

## Accessories:

Encoder for width measurement.

## Technical Data:

Measuring Range	200mm
Standoff	100mm
Supply Voltage PC	230 VAC
Supply Voltage sensors	24 V
Power Consumption	< 180mA
I/O	Digital signal for turning
Housing	Aluminium
Dimensions, sensors	(162 x 108 x 42) mm
Protection class, sensors	IP65
Working temperature	0...+40°C



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