



Smart Vision

Maximize production while enhancing safety



Ever seen a log like this? Even with safety as a priority and measures in place to ensure it, accidents can still occur.

Comact's Smart Vision can stop operations before accidents happen, increasing safety without compromising production.



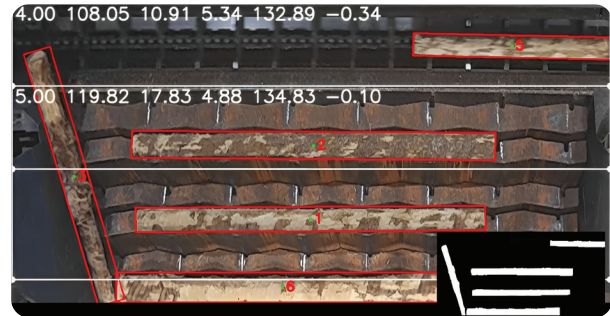
Comact's Smart Vision streamlines process monitoring by:

- **Detecting production irregularities** to prevent significant interruptions and equipment failures
- **Enhancing control mechanisms** to optimize product singulation, maximize process efficiency, and minimize operational downtime
- **Minimizing accidents** through detection of objects in danger zones and reduced reliance on human intervention

Versatile applications for your mill

The system can be deployed at any stage of the process!

- **Log bucking:** Prevents cutting logs with defects or at the wrong length
- **Wave feeder:** Gap control and monitoring system for optimal process flow and detection of problematic logs (crossed or too short, large, or small)
- **Log infeed:** Smart monitoring and automation for efficient deck management
- **Unscrambler:** Detection of stacked boards and distinction from timber (4x4 or 6x6)
- **Lumber handling and trimmer line:** Detection of anomalies like problematic, stacked, skewed, broken, or too short (e.g., trim blocks) boards, boards that are too far from line bar, jams, blockages, and more
- **Planer mill infeed:** Bundle validation alerting forklift driver to remove incorrect products from the chain



Installation and maintenance

Easy installation (self-installation possible)

Monthly camera cleaning recommended (low dust exposure)

Simple and straightforward training; quick system overview

Why Comact's Smart Vision is better than other solutions

- Flexible customization bringing adjustments needed to a minimum
- AI model training conducted by Comact's AI specialists for optimum performance
- Long-term support directly from the manufacturer, reducing reliance on a single local specialist
- Open system allowing visibility from the camera's viewpoint, unlike other solutions that are black boxes requiring blind adjustments
- Comprehensive tool suite including dashboards, reports, and event viewer tools
- Ongoing development and regular software updates

**Comact's AI-powered Smart Vision, here to help.
Contact us to upgrade your mill!**

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DRIVEN BY INNOVATION**