



Siempelkamp

Logistics & Service

PRODUCT PRESENTATION

SicoCam – Innovative Inline Board Measurement

FOR QUALITY ASSURANCE AND SAFETY AT WORK

THE CONCEPT: SicoCam is a fully automatic measuring system for the inline board measurement. With SICK high-performance cameras each edge of the board is captured during production by SicoCam. The measurement data are processed software-based in the form of width-, linear- and diagonal dimensions for direct evaluation. The result: optimized press line and reliable production quality. SicoCam complements the SicoScan-device family of Siempelkamp which is used for quality measurement and fully automatic process control in the production of wood-based panels.

YOUR BENEFITS

- Easy and quick retrofitting of every plant feasible
- No additional space required
- Fully automatic measurement of each board in production process with an accuracy of ± 0.3 mm
- No manual measurement errors
- More safety at work: no manual measurements in production plant required (SicoCam meets all requirements of the Machinery Directive 2006/42/EC)
- Ejection of boards for measurements is no longer required, thus significantly reduced reject quantity
- Indispensable for plants with a board breaker for reject boards
- Consistently high production quality by direct control of actual board dimensions after sawing and immediate correction of saw if required

OPTIONALLY: CORRECTION OF DIAGONAL SAW

In SicoCam the data for the correction of the saw are provided on a special screen.

To correct the saw parameters the data can be automatically transmitted to a Siempelkamp diagonal saw with a Siemens or Allen-Bradley control system by using a push-button in the SicoCam-HMI.

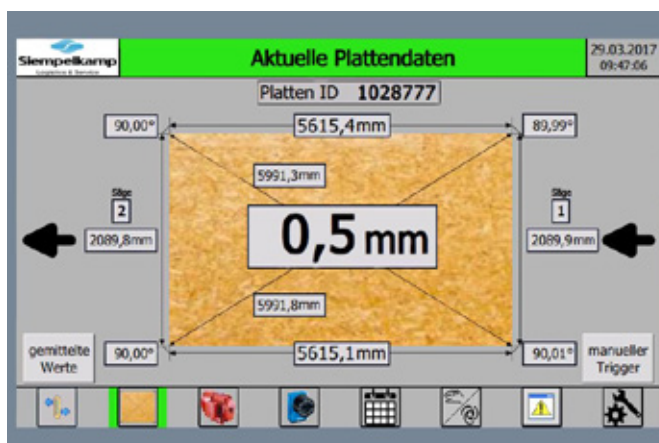
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SicoCam in operation



The SICK high-performance cameras



Each edge of the board is captured by the cameras

SicoCam user interface

