

SicoScan technology: A move towards a fully automated panel board production line

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SicoScan is the final building block used to complete a fully automated production line which integrates the quality measuring equipment into the machines, the process control technology and the automation technology. Thus, SicoScan becomes part of a complete system.

SicoScan is the precisely coordinated use of measuring equipment for recording the mat moisture on the forming line, the weight per unit area behind the mat former, the mat thickness and the delaminations at the press discharge end as well as the board weight.

The sensors interface with the Siempelkamp line control software in the central room and provide the information directly to the controllers without the need for a separate computer dedicated to quality measuring equipment.

By concentrating the information in one database, multiple data handling is avoided. The measuring signals are recorded and evaluated with proven routines in the Prod-IQ[®] system, which gathers and coordinates all production information and applies it to the production process thus optimizing control of the line.

Through this, the product quality is increased and the production performance data considerably improved.