

Optimised Board Sorting With a Unique Scanner Solution

The market embraced the innovative RS-BoardScannerQ system for automatic quality sorting of boards. Since the product launch in August of 2012, eight systems have been ordered by our customers. Four have already been delivered and commissioned and the remaining four will be in production this autumn and winter.

Three of the companies who decided that RS-BoardScannerQ is the right solution for them are Moelven Edane sawmill, Östanå sawmill and JG Andersson & Sons. They're all located in different parts of Sweden. Common for all three is that they see the investment as a way of increasing production and achieving a better and more even quality in the sorting process.



Moelven Edane sawmill makes increased return possible

Moelven Edane sawmill chose RS BoardscannerQ as a tool to increasing productivity and quality. They see the investment as a possibility to give the company an opportunity to improve on productivity.

The system has been installed during the summer and according to plan. Jörgen Olofsson, managing director of Moelven Edane sawmill, is very pleased with RemaSawco's commissioning.

"Before the decision, we evaluated several different sorting systems, but made the judgement that RemaSawco is a step ahead of the competing systems."

Jörgen Olofsson, Managing Director,
Moelven Edane sawmill

Östanå sawmill is sharpening their competitiveness

For the Östanå sawmill outside Edsbyn in county Hälsingland, the functionality of the RS-BoardScannerQ system were essential for their choice. Scanning and measurement on all four sides of the board without having to turn it around, a stable and continuous flow in production and the compactness of the board scanner unit were determining factors.

With this investment, the Östanå sawmill will increase their efficiency and reduce the operation with one working shift. Prior to the installation, 2-3 working shifts were required to reach the production capacity, which is now possible with fewer staff.

"Boards sorted with a scanner is generally raising the quality of sawn products. Since the technique has been introduced, the acceptance for errors in the sorting process has decreased. In many ways, this investment is important for us to continue to being competitive."

Ingemar Lundin, Managing Director, Östanå sawmill

JGA removes bottle neck and increases the production capacity

J.G. Andersson & Sons in Linneryd of Småland also commissioned their RS-BoardScannerQ system during the summer. The technical manager of JGA, Patrik Claesson, is very pleased with the commissioning "Everything's been going well without hick-ups. Although a lot of people were involved during the installation and had to work in a confined space, the installation was ready on time and production could start according to schedule".

After several years of evaluating board scanner systems on the market, early this spring JGA decided that RemaSawco's RS-BoardScannerQ was the right system for them.

"The installation has been going well and smooth. Although a lot of staff were involved and worked together in a small area, the commissioning was successful and on time."

Patrik Claesson, Technical Manager, JGA

RS-BoardScannerQ removes a bottle neck in the production for JGA and the productivity is going up considerably. A better board sorting result was also one of the deciding factors in JGA's investment decision.

The board sorting solution RS-BoardScannerQ, introduced during the summer of 2012, performs automatic four-sided quality inspection of boards and plank in green and dry sorters and planers without the need to turn boards over. The measurement technique combines tracheid (fiber), dimension and vision data. The application collects data from 40 cameras to define quality properties. Apart from the traditional sorter functions like bin status display, package label handling etc., the system discovers all defects and errors of form and makes a cut and quality optimisation. The result is communicated to the automation system (PLC), which performs the cut and sorting into bins.