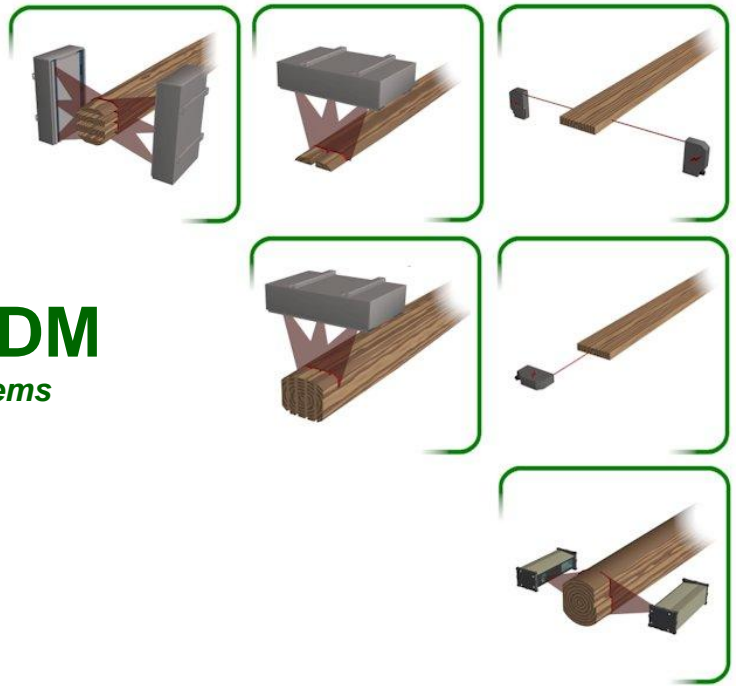


SiCam RealTime BDM

Bandsaw Deflection Monitoring Systems



APPLICATION: BANDSAW MONITORING

Proximity Probe Sensor Configuration

Designed for single, twin and quad bandsaw style machines.



- Monitor saw deflection performance
- Track bandsaw guide wear
- Optimize cutting tools change cycles
- Predict repair & maintenance cycle trends
- Tune optimization & controls
- Minimize manufacturing variation
- Reduce target sizes & increase throughput

The right technology sensing bandsaw deflection delivers maximum accuracy, reliably tracks cutting event performance and identifies misbehaving saw(s) fast reducing the gap between the occurrence and detection of events of miss-manufacturing.

- Premium solution approach
- Top grade components & materials
- The right scanner for each application
- Professional training services
- Unparalleled customer support
- Competitive pricing



SiCam Systems

Premium Size Control

Installed Applications

Canter Quad Lumber Size Control
 Canter Twin Lumber Size Control
 Small Log Line Lumber Size Control
 Headrig Lumber Size Control
 Resaw Lumber Size Control
 Gang Vertical Lumber Size Control
 Gang Horizontal Lumber Size Control
 Edger Single Piece Lumber Size Control
 Edger Multiple Piece Lumber Size Control
 Trimmer Presort Lumber Size Control
 Planers Infeed & Outfeed Lumber Size Control
 Fence Gauge Multi-Stage Verification
 Lumber Length Gauge - Random
 Lumber Length Gauge - Stud
 Lumber Length Gauge - PET
 Sorter Thickness & Width Gauge
 Veneer Thickness Gauge
 Panel Thickness Gauge
 Bandsaw Deflection Monitoring
 Log-Cant Opening Face Verification
Mill-Wide Size Control Solutions

Sensing Technologies Supported

MPP Multi-Piece Profile Scanners
 Single Point Laser Range Sensors
 Long Range Laser Range Sensors
 Inductive Proximity Probe Sensors
 Trimmer Optimizer Integrations

- Comact
- USNR
- CNM

Right Sensor Technology for each Application

PLC Integrations & Controls Supported

Allen Bradley – Modicon – Siemens
 Feed Speed Control
 Off Size Fatal Stop Control
 Piece Diversion Control
Send & Receive Information for each Piece

Alarm Options

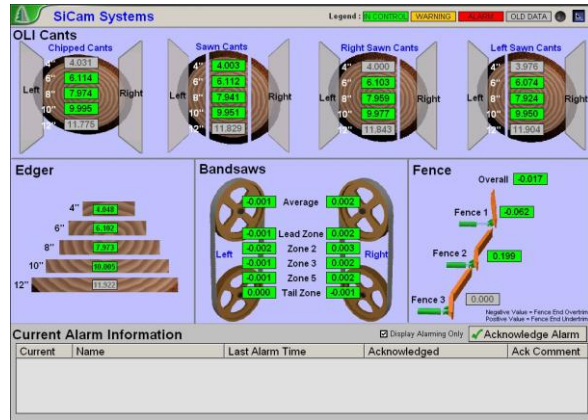
Machine operator pop-up alarms
 Site based pager systems
 Reader scoreboards
 PLC message board integration
 Automated text messaging & email
Right Information, Right Time to the Right People

Performance

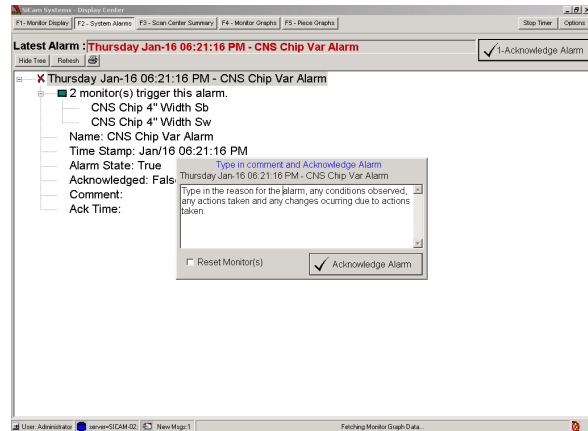
Accuracy +/- .005" (1/8mm) green lumber
 Accuracy +/- .0025" (1/16mm) planed lumber
 Unlimited number of boards
 Feed speeds above 2500 ft/min (750m/min)
High Performance Tools for High Performance Teams

Benefits

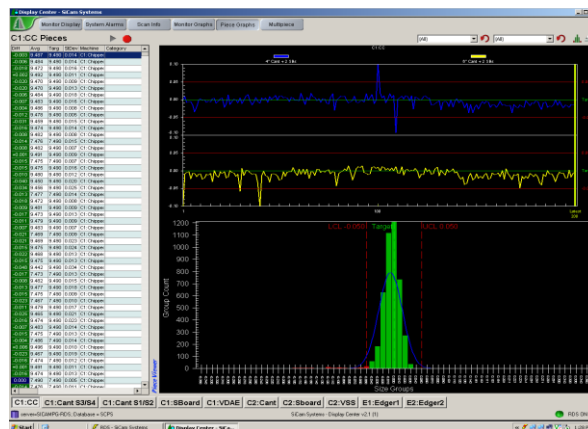
Improve lumber recovery
 Increase production
 Improve grade out turn
Maximize Profitability



Friendly User Interfaces



Reliable Alarming & Tracking Tools



Powerful Reporting Tools

