

**WANT TO INCREASE PRODUCTION,  
RECOVERY AND QUALITY?  
THE ANSWER HAS NEVER BEEN MORE CLEAR.**

**ALTEC HAS THE NUMBERS TO PROVE IT.**



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**HIGH PERFORMANCE CONTROLS AND EQUIPMENT FOR VENEER PEELING LINES**

ALTEC INTEGRATED SOLUTIONS has been providing innovative, high technology solutions to the veneer and plywood industry since 1999. We offer an extensive array of products and services including our XY Scanner 3D, Lathe Controls including carriage, back-up roll, knife and gap control, Clipping Trash Gate, Tray Controls and Drive Systems, Veneer Thickness Monitoring, Clipper Controls and complete Veneer Stacking and Handling Systems.

Our comprehensive, in-house services include design engineering, manufacturing, project management and technical field services. Regardless of the project, ALTEC tailors its approach in response to our client's specific requirements and perspectives. Our tradition of continuously searching for better ways of responding to client's needs is one of the distinguishing features of our firm's culture.

To discuss how we can help improve your production, recovery and quality phone us at 604.529.1991 or email [info@alteconline.com](mailto:info@alteconline.com).



SUBMITTED MATERIAL

**ALTEC**

GREEN END SOLUTIONS

**A**ltec Integrated Solutions Ltd. recently completed two more veneer lathe and charger control system upgrades. The upgrades were at Coastal Forest Products in Chapman, Alabama and Coastland Wood Industries in Nanaimo, BC. Both installations and startups took place over the Christmas break.

The plant in Chapman had been shut down early in 2009. After purchasing the plant, Coastal Forest Products began a program of upgrades throughout the plant aimed at not only re-starting production, but bringing production, efficiency and quality up to modern levels. Included in the plan were a new carriage, XY scanner and control system for the veneer lathe and Altec was chosen to supply a 32-point XY scanner with charger control and a complete Lathe Control System for all functions on the lathe including carriage, core drive, pitch and gap control. Initial results of the upgrade at Chapman have been positive.

"We are excited about the opportunities that these new controls have brought us," says Coastal VP Operations Tracy Smith. "To be so accurate and technically sound, they are extremely user friendly and easily understood by both mill technicians and lathe operators."

Coastland Wood Industries in Nanaimo has two veneer lathes in operation including a very high-speed small-block lathe (Lathe #2) that was installed in 2000. Coastland worked very hard over several years to make Lathe #2 one of the fastest lathes in the world. However, following an upgrade of the XY scanner and lathe controls two or three years ago, things took a turn for the worse. Production and recovery levels declined and quality suffered. Coastland worked closely with the vendor to resolve the issues. Unfortunately, these efforts ultimately proved unsuccessful and Coastland was forced to make a difficult decision. This is when they turned to Altec for help.

Coastland and Altec have worked together on many projects over the last 10 years. Coastland already had an Altec 32-point XY scanner on Lathe #1 installed in 2006 which had been providing them with excellent performance. To solve the problem on Lathe #2, the decision was made to purchase and install an Altec 32-point XY scanner and a complete Lathe Control System for all functions on the lathe including carriage,



Altec had a busy Christmas with two startups.



Altec's panel box

core drive, pitch and gap control.

Upon startup the improvements were instantaneous. More reliable centering not only increases production and recovery but helps the lathe run smoother. When you are peeling blocks less than 7 in. in diameter, there is no time for the peel to stabilize after round-up. Blocks must be perfectly centered at the onset. In addition to improved production and recovery, the upgrade has resulted in improved peel quality. Thickness variation has decreased significantly and the general appearance and structure of the veneer has improved.

"Altec has achieved in five days what the previous system could not in eight years of trying, says Coastland V.P. Sales & Marketing John Hesketh. "We are ecstatic with the results; we peel to a 2 in. core and are seeing a 97% core recovery, quality is up and we are already putting up to 7000 blocks through a shift."

In both cases, the startups went smoothly and quickly and Altec was able to "hand over" the systems shortly after production began. Altec will continue to work closely with both customers and support both installations to further optimize and improve both installations over the coming weeks.