



ALTEC INTEGRATED SOLUTIONS LTD INTRODUCES ELECTRIC ROLLER SCREW ACTUATORS TO THE VENEER INDUSTRY

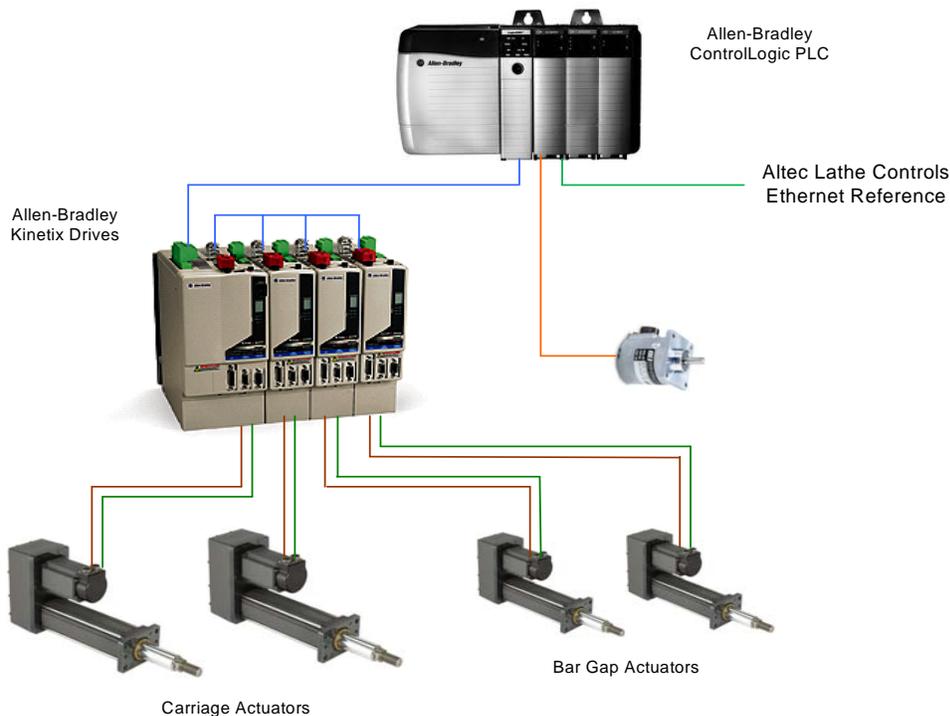
Altec recently completed the installation of two Electric Roller Screw lathe carriage and lathe bar gap systems along with Altec lathe control upgrades. The upgrades were installed at Roseburg Forest Products in Riddle, Oregon, on the 8ft and 10 ft lathes. Both installations and start-ups took place over the summer.

Traditional ball screw carriage drives and complicated bar gap systems are extremely maintenance intensive. With the introduction of independent roller screw actuators and the removal of the traditional mechanical apparatus the new systems are greatly simplified, wear points are eliminated, maintenance is reduced and peel quality is improved.

Peel quality is improved due to increased stiffness and improved control accuracy. System stiffness is increased with the elimination of mechanical wear points and removal of the hydraulics. Control accuracy is improved with the increased resolution and bandwidth of the AC servo motors and drives.

Electric actuators are also much more efficient than hydraulic and pneumatic systems, resulting in substantial power savings.

The carriage and bar gap package can be installed as an independent upgrade but it is recommended they are installed with an Altec Lathe Control system. A completely integrated system will unquestionably give the best return on investment.



Open platform architecture is the foundation of all of the Altec systems, standard components and an industry accepted network communication allow for ease of ownership.

Initial results of the upgrades on both lathes are very positive...improved thickness consistency and subsequent veneer quality were immediately realized. Thickness variation has decreased significantly and the general appearance and structure of the veneer has improved.

In both cases, the start-ups went smoothly and quickly and Altec was able to “hand-over” the systems shortly after production began. Altec will continue to work closely with Roseburg and support our systems to further optimize and improve ongoing production.

Altec Integrated Solutions believe that the introduction of their Servo Electric Roller Screw Actuators heralds a new era in the mechanical and electronic control of Veneer lathes and ancillary equipment, providing an environmentally cleaner more efficient option for the future development of the industry.

