

SUCCESS STORY

RED POWER



INDUSTRY

Lumber

APPLICATION

Planer Feed Table

COMPANY PROFILE

Lumber Mill

PROBLEM

A board planer at a lumber mill was using a control system to stop the machine if a piece of metal was mixed in with the wood. This rapid halting of the planer feed would snap the Aramid cord timing belt on the drive after a few emergency stops. The customer tried many different v-belt and timing belt solutions but none were able to handle the inertia to stop the drive at full speed.

SOLUTION

OPTIBELT 5V RED POWER Kraftband

RESULTS

OPTIBELT recommended trying a RED POWER v-belt drive for the application. Out of all the belts the customer had tested RED POWER was the only one that could solve the problem with emergency stops on an ongoing basis.

RED POWER's high modulus cord and reinforced core provides it with superior elastic memory characteristics allowing the belts to bounce back and absorb the loads of sudden starts and stops.

The customer was extremely impressed by the way RED POWER was able to handle the torque to stop the machine all while protecting the rest of the drive components from damage.