

SUCCESS STORY

RED POWER KB



DRIVE SPECIFICATIONS

V-belt drive with 5/8VRP1600 RED POWER banded belt

INDUSTRY

Lumber

APPLICATION

Planking Saw

COMPANY PROFILE

Lumber Processing Plant

PROBLEM

A Planking machine using a 5/8V1600 banded v-belt was experiencing premature tension loss which caused the belts to slip and ultimately fail after just 250 hours of operation. This led to production shut-downs after just an additional maintenance costs and service.

SOLUTION

Optibelt RED POWER KB 3/8V1600 banded v-belts.

RESULTS

OPTIBELT replaced the failed belts with premium RED POWER 3 v-belts. Due to the special processing of its high modulus low stretch tension cord RED POWER will keep tension over time. This not only significantly improved the belt's life but also its performance and even reduced the number of ribs needed. It also improved durability from 250 hrs of use to over 400 hrs and eliminated the need for re-tensioning. RED POWER is now in use at the plant in this application.

RED POWER KB v-belts have shown improvements in:

- 2 fewer v-belt bands needed, which instantly improved performance.
- 28% improvement in belt life
- No maintenance re-tensioning.
- \$10,000 per year in savings.

Currently, OPTIBELT is working with the servicing distributor to use RED POWER to optimize all the plant locations in the North Eastern part of the USA.