

ARAMAX® BELTS BRING SHOCK LOAD SOLUTION AND SAVINGS TO SAWMILL'S TRIM SAW APPLICATIONS

CHALLENGE ▼

A global wood products company faced recurring issues in their planer mill division. The trim saw application, tasked with cutting boards with various knots and abnormalities, subjected belts to intense shock loading. This led to frequent belt replacements, with belts being replaced monthly to maintain functionality. The high wear rate not only increased costs but also disrupted operations due to downtime associated with belt replacements.

TIMKEN BELTS SOLUTION ▼

The team recommended utilizing the aramid cord technology found in Timken's Aramax® belts in a double angle cross-section. The size and configuration needed were not part of Timken Belt's standard portfolio, so the Aramax BB112K was devised to address the size and the shock loading challenge. This innovative design promised enhanced durability and resistance to the intense demands of the trim saw application.

RESULTS THAT MATTER ▼

The introduction of the Aramax BB112K Double Angle V-Belt with aramid cord yielded remarkable results:

- At the time of publication 16 Aramax BB112K belts were still running effectively after four months of operation
- Operational efficiency has improved, reducing downtime and costs associated with frequent replacements

INCREASED BELT LIFE	MORE THAN 4X
BELT SAVINGS PER YEAR	\$9,845
INCREASED PRODUCTIVITY & DOWNTIME AVOIDANCE	\$132,000
TOTAL SAVINGS: \$141,845	



Timken® belts are part of The Timken Company's growing portfolio of engineering bearings and industrial motion products. Timken Belts manufactures premium-performance power transmission belts that help keep industry in motion and the world more productive.

Performance Driven. **Performance Proven.**

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