



# TIMKEN BELTS OFFERS CUSTOM SOLUTION FOR SOYBEAN PROCESSING PLANT

## CHALLENGE ▼

A canola and soybean processing plant needed to replace the belts used on their grain milling equipment. These machines required 50 belts over the course of a year. As the competitors' lead times grew, the processing plant was concerned that they could not keep up with demand.

## TIMKEN BELTS SOLUTION ▼

To solve this problem, the Timken Belts engineering team had to come up with an alternative solution. The belt needed for this application was not part of the Timken Belts standard product portfolio. To solve the problem, a special double angle v-belt was engineered that featured aramid cord instead of polyester cord. Aramid cord was specified for this application to offer greater strength and better heat dissipation.

These belts only took 3-5 weeks to manufacture. Timken Belts partnered with a local distributor to stock BB150K for the processing plant. With a shorter lead time and a dedicated local inventory, Timken Belts was able to provide unmatched value through engineering expertise and customer service.

## RESULTS THAT MATTER ▼

The processing plant chose Timken® double angle v-belts for this application. Data collected over three years shows that wear life has doubled. Considering total replacement costs, production loss and maintenance interventions, the switch has saved the processing plant \$14,500 per year.



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Belt Life
<b>Doubled</b>
Annual Savings
<b>\$14,500</b>



Timken® belts are part of The Timken Company's growing portfolio of engineered bearings and power transmission 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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