



TIMKEN® BELTS SAVE GLOBAL E-COMMERCE GIANT OVER \$1.2 MILLION

CHALLENGE ▼

Efficiency is fundamental to running a successful e-commerce business. Conveyor belts play a critical role in accomplishing this as they move items through the facility.

An e-commerce corporation with numerous fulfillment centers across the globe encountered breakdowns with several conveyor belts, particularly those navigating curves and corners. The disruptions in operations due to unplanned belt changes resulted in costly downtime as well as increased maintenance costs.

TIMKEN BELTS SOLUTION ▼

A Timken Belts representative visited multiple customer sites and identified common trouble-spots and patterns of wear and breakage in the conveyor belts. It was quickly apparent the conveyor belt performance could be greatly improved with the Timken® Super Arc® belts as they offer a unique combination of slip, grip and flexibility, ideal in this setting. The clutching cover design on the Super Arc belt proves especially effective in handling misalignments and resisting wear. The unique engineering and design features of the Super Arc belt minimizes disruptions in conveyor operations previously encountered while using a competitor's belts.

RESULTS THAT MATTER ▼

Reduced Downtime: By replacing the problematic competitor belts with Timken Super Arc Belts, unplanned downtime due to belt failures decreased substantially.

Cost Savings: The e-commerce company estimated the new belts have prevented 20 unplanned downtime events per year. Each downtime cost at least \$60,000, resulting in a savings of \$1.2 million annually.

Reduced Maintenance Costs: Each downtime event required two technicians to spend an hour changing the belt. An hourly rate of \$50 per technician lead to an additional total maintenance cost savings of \$2,000 per year.



Yearly Documented Savings		
	ELIMINATE	SAVINGS
DOWNTIME	20 downtime events @ \$60,000 each	\$1,200,000
LABOR	20 downtime events x 2 hours @ \$50 hourly rate	\$2,000
TOTAL:		\$1,202,000

Timken Belts is 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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