

Belt Saver™ – Patented Tail Pulley Protection (U.S. Patent No. 12,195,281 B1)

The Problem

Conveyor belt misalignment at the tail pulley is a leading cause of costly downtime, premature belt wear, and expensive pulley replacements.

The Solution: Belt Saver™

Clamp-On Retrofit: Two semi-circular discs bolt around existing shafts, extending 4–6" above the belt for guidance. **Integrated Pulley Design:** Built-in discs form part of the pulley for OEM installations. **Universal Fit:** Engineered for standard shaft sizes. **Fast Install:** No welding, no cutting, minimal downtime.

Key Benefits

Reduce Downtime: Prevent derailments before they happen. **Extend Equipment Life:** Protects belts and pulleys. **Lower Maintenance Costs:** Simple, rugged, and field-ready.

Patent Protection

Covered by U.S. Patent No. 12,195,281 B1. Protects both retrofit and integrated pulley designs.

Market Potential

Applicable in mining, aggregates, cement, power generation, and bulk material handling — industries where conveyor uptime is critical.

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