

TIMKEN® SUPER ARC® BELT PUTS DISTRIBUTION WAREHOUSE AHEAD OF THE CURVE

CHALLENGE ▼

A customer was struggling with a competitor's belt that would not perform on a live/powered roller conveyor drive used in a large distribution hub warehouse. The conveyor, located not far from a conference area, was making a lot of racket and the noise levels were not acceptable. They shut down the machine for nearly an hour while the belt manufacturer's representative made adjustments to the idlers, rollers and belt tension – sure this would solve the problem, only to find that it was just as loud when they started it back up.

TIMKEN BELTS SOLUTION ▼

The Timken® Super Arc® belt is specially designed for live/powered roller conveyor drives and uses special fabrics and compounds to achieve the perfect amount of slip and grip needed to put the rollers in motion. Constructed with a clutching cover and multiple layers of small diameter polyester cord that allow the belt to flex while maintaining strength, the Super Arc belt was exactly what this challenging drive required.

The newly installed and properly tensioned B192SA Super Arc belt immediately “ran perfectly” according to the customer, and the racket disappeared, bringing the drive into the acceptable decibel (dB) range for that application. The belt easily navigated the tight turns as well as the horizontal transitions between different conveyor levels.

RESULTS THAT MATTER ▼

Pleased with the immediate results and a successful solution, the customer promptly ordered additional belts for other drives on the premises. The Timken Super Arc belt put the conveyor back in motion, ending the noise and downtime brought on by the competitor's belt.



Timken Belts is part of The Timken Company's growing portfolio of engineered bearings and power transmission products. A manufacturer of premium performance power transmission belts, Timken Belts' associates and products help keep industry in motion and the world more productive.

Performance Driven. **Performance Proven.**

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