

The TCAE-R-7 coupling, designed and manufactured by Thompson Coupling, has established itself as a reliable and efficient solution at a Paper mill. Unlike the previously utilised Lovejoy coupling, which necessitated maintenance every three months due to misalignment issues, the TCAE-R-7 has been operating continuously for over three years without any maintenance or laser aligning.

Key Advantages:

Handling Misalignment:

The TCAE-R-7 coupling excels at managing misalignment, a common challenge in industrial machinery. Traditional couplings often fail in this regard, leading to frequent maintenance. The TCAE-R-7, however, accommodates misalignment effectively, eliminating the need for regular maintenance.

Vibration Resistance:

Vibrations can cause significant wear and tear on couplings, shortening their lifespan and increasing maintenance demands. The TCAE-R-7's robust design handles vibrations efficiently, ensuring long-lasting, trouble-free operation.

Performance Highlights:

The TCAE-R-7's performance in the tissue mill is exceptional, with continuous operation 24/7 for 48 weeks a year over three years without any intervention. This durability and reliability underscore its superior design. This model is now being used in a number of Paper Mills due to its versatility and resourcefulness.

Operational Benefits:

By adopting the TCAE-R-7 coupling, the tissue mill has eliminated the frequent maintenance costs and interruptions and production loss associated with the Lovejoy coupling. This has resulted in uninterrupted operation, enhancing overall productivity and efficiency.

Summary:

The TCAE-R-7 coupling by Thompson Coupling offers a superior solution for addressing misalignment and vibration challenges in industrial applications. Its durability and maintenance-free operation have significantly benefited the mill by minimising downtime, reducing costs, and maximising productivity.

