

Pulley Overhauls



TSGlobal[®]
Conveyor & Polyurethane Specialists

PULLEY OVERHAULS

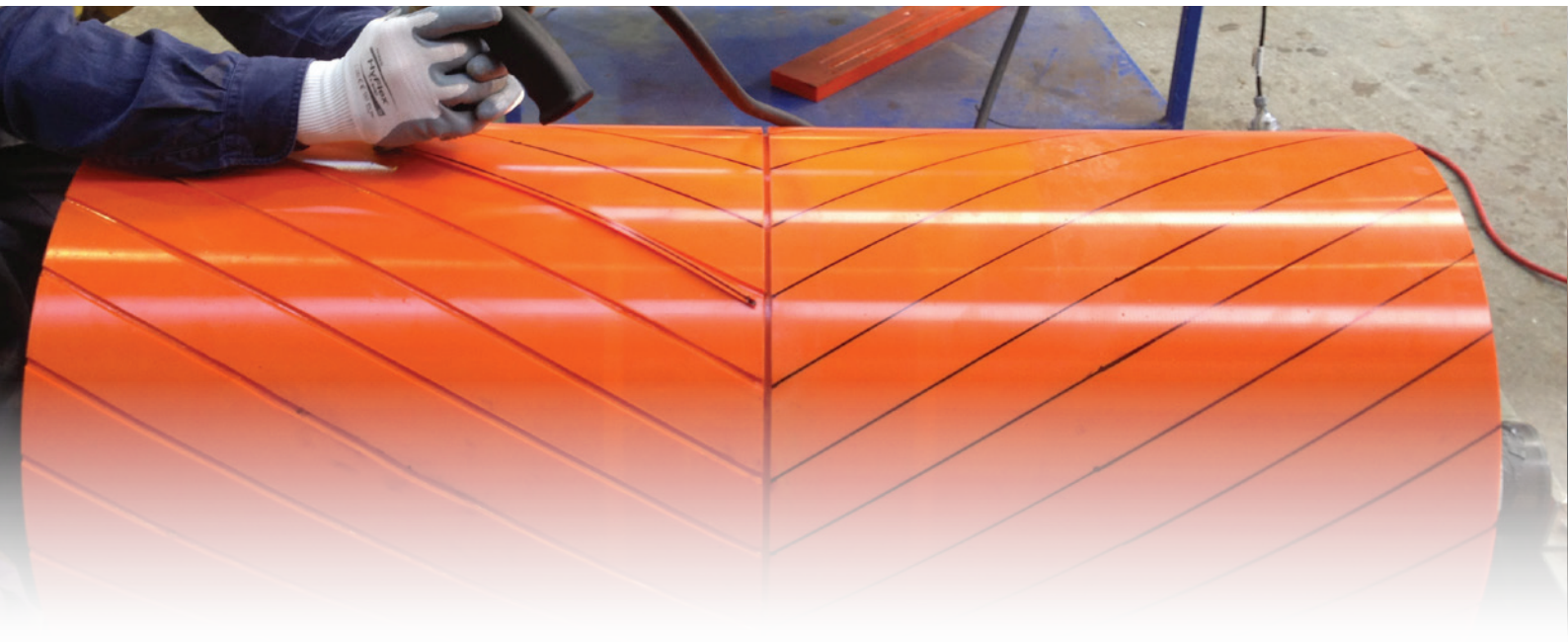
Extend the life of your equipment with TS Global's comprehensive pulley refurbishment services. We offer dynamic testing, lagging, and full application overhauls tailored to your requirements. Trust TS Global for your next pulley overhaul—engineered for maximum performance, reliability, and long-term value.

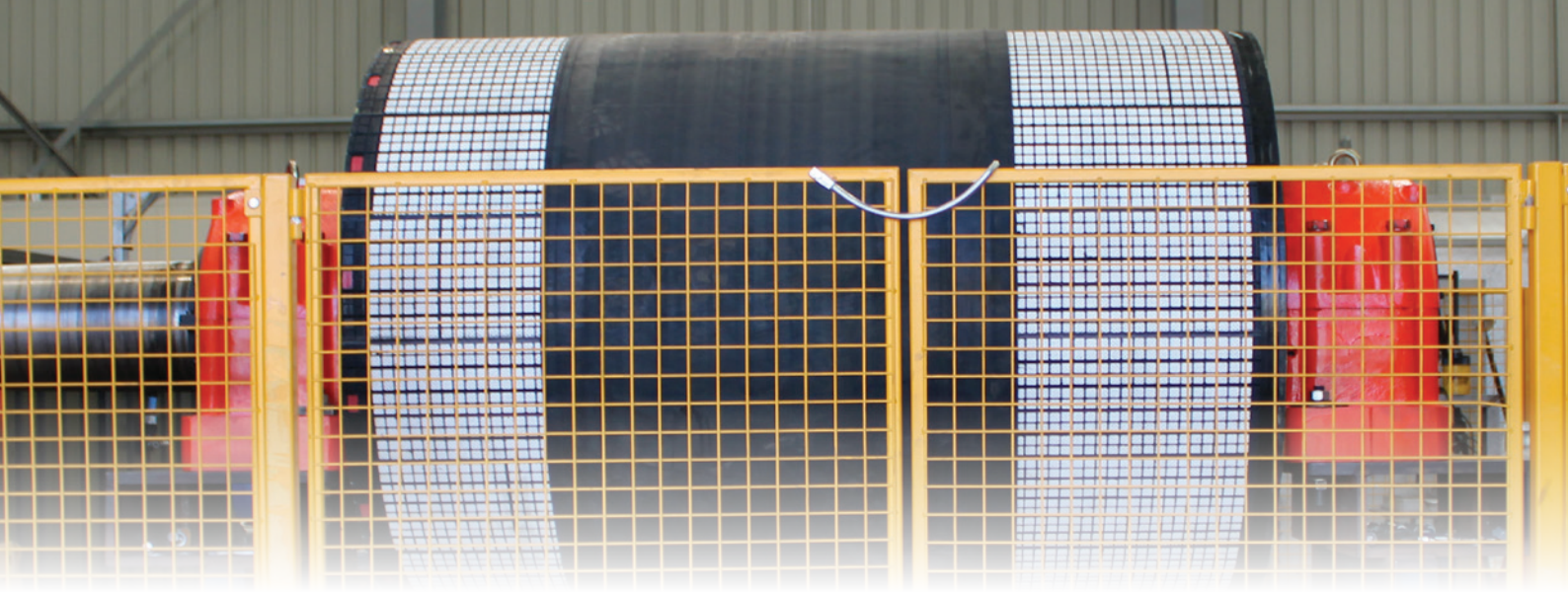
DYNAMIC LOAD TESTING ACROSS ALL PULLEY TYPES AND SIZES

Experience unmatched precision in dynamic load testing across all pulley types and sizes with TS Global's state-of-the-art Pulley Dynamic Testing Rig. Developed in collaboration with SKF, this advanced system replicates real-world operating conditions to rigorously test drive, tail, and bend pulleys under dynamic loads. Each pulley is assessed for structural integrity, balance, and bearing performance using detailed Vibration Analysis (VA) and Temperature Assessment (TA). This process ensures our pulleys meet the highest standards of strength, durability, and reliability—making it essential for quality assurance, R&D, and failure analysis in even the most demanding environments.

PULLEY LAGGING

Maximise performance and protection with TS Global's engineered pulley lagging—built to shield pulleys and conveyor belts while extending service life. Acting as a tough, wear-resistant barrier, it absorbs friction and impact to minimise damage and cut maintenance costs. Enhanced belt tracking, consistent tension, and superior resistance to slippage, corrosion, and abrasion ensure reliable, high-efficiency operation—even in the harshest environments.





DESIGN SERVICES

TS Global's customised Conveyor Pulley Design programs are engineered to meet your exact standards—delivering precision from concept to production. Our system calculates normal, running, and start-up stresses, while advanced 3D modelling and Finite Element Analysis (FEA) allow every pulley to be virtually tested and optimised before manufacture—ensuring strength, performance, and reliability from the start.

CLEAN ROOM ASSEMBLY

TS Global's dedicated clean room sets the standard for precision—providing a controlled, contaminant-free environment for assembling bearings and housings. By eliminating dust and airborne particles, we protect component integrity, prevent premature wear, and ensure peak performance and extended operational life.





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