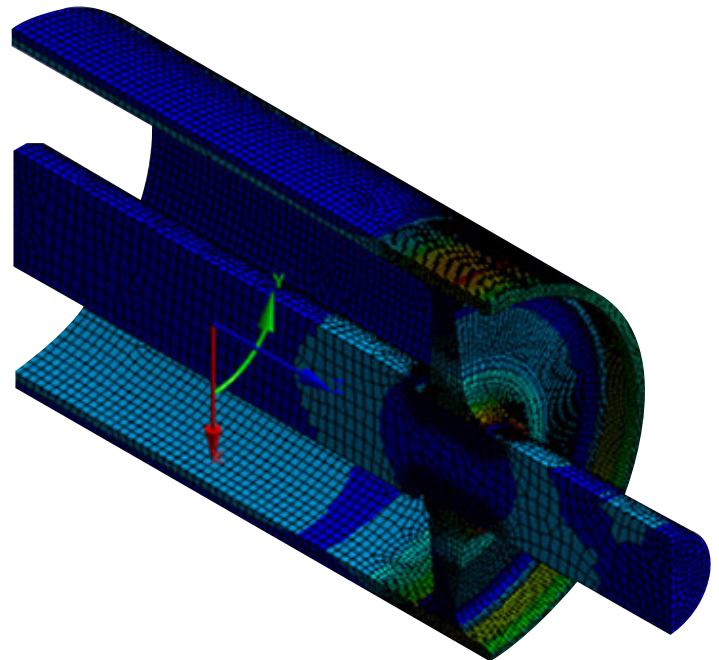


Conveyor Pulleys Engineered

Custom designed by the CPS Engineering Team utilising recognised industry and proprietary software packages. All pulleys are individually engineered, optimised and manufactured to the highest standards, meeting all client specifications. CPS offer extensive customised pulley options, delivering our clients a truly fit for purpose solution for any application. CPS pulleys are manufactured using Australian grade steels and the highest quality components, delivering a strong product designed for maximum reliability and performance.

We strictly adhere to our ISO 9001:2015 Quality Management System, ensuring that every pulley receives the utmost attention to detail to ensure they are delivered exactly as designed.



Locally engineered using industry leading design processes

- Numerical analysis
- 3D CAD modelling
- Finite Element Analysis
- Shells and Shafts designed for infinite life

Locally manufactured to the highest standards meeting all client specifications Live shaft or dead shaft

- Drive or non-drive
- Flat or crowned
- Australian grade steels
- Seamless pipe and rolled plate shells
- Non-destructive testing on all shells and shafts
- Highest quality components – SKF and NSK bearings, Ringfeder locking assemblies

Custom built pulley manufacturing facility

Our 1700 m² manufacturing facility capable of producing in excess of 350 pulleys a year, boasts numerous large CNC lathes and a separated clean zone for final assembly of the pulleys. With our in-house team of designers and qualified engineers your order will move through pre-production to manufacturing seamlessly.



Your Conveyor Partner

Conveyor Pulleys Refurbished

The CPS pulley refurbishment process is a cost-effective alternative to purchasing a new pulley in certain cases. Our in-house engineering team will strip down and analyse the pulley before providing a detailed report outlining the condition of the pulley and the components that require replacing. If the pulley is in a repairable condition the cost can be as little as a third of a new pulley for an "as new" reliable product.

Our refurbishment services include:

- Complete strip down and cleaning of parts
- Refurbishment viability report
- Removal of old lagging
- Third party non-destructive testing of shaft and shell
- Re-machining if required
- Re-lagging
- Re-assembly of pulley with new locking elements and bearings assemblies if required



Our pulley refurbishment services allow customers to have pulleys rebuilt, tested and certified for re-use, reducing costs for customers and providing a faster turnaround than building new pulleys.

Pulley Lagging

Pulley shells are commonly lagged to protect the pulley face from wear and provide better traction to the belt. Applying the right lagging material is crucial to the performance of the pulley, life of your conveyor belting and the reliability of your system. CPS pulleys can be customised with a variety of lagging systems.



Customised lagging systems include

- Hot vulcanized & cold bonded rubber backed ceramic in FRAS and non-FRAS
- Hot vulcanized & cold bonded rubber in FRAS and non-FRAS
- Direct bonded ceramic tiles
- Hot cast Polyurethane -smooth, grooved and diamond patten
- Painted steel

