

Workshop Services



TSGlobal[®]
Conveyor & Polyurethane Specialists



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With more than two decades of experience, TS Global is a proudly Australian-owned company that specializes in producing a diverse array of premium-grade conveyor accessories and polyurethane components. We boast an exceptional team of engineers and manufacturers who possess the skills and expertise to create cutting-edge solutions that can withstand even the most challenging conditions.

Choose TS Global for specialised, reliable and efficient conveyor and polyurethane solutions backed by our dedicated workshop services team.

-  **Australian Owned**
-  **Proven Performance**
-  **Quality Product**
-  **Flexibility in Design**
-  **On-time Delivery**





FABRICATION AND WELDING SERVICES

Our fabrication and welding services include (but are not limited to):

- Conveyor Pulleys
- Belt Winders
- Belt Stands
- Guards
- Pulley Lifters
- Takeups
- Reclaim Feeder Breaker
- Wobbler Feeders
- Transport Frames
- Sizer Frames
- Segment Hardfacing
- Transfer Chutes
- Skirt Boxes
- Access Platforms
- Hoppers, Bins and Tanks
- Counterweights

Our team specialises in stainless and mild steel fabrication. We utilise NATA endorsed weld procedures in accordance with AS/NZS – 1554 or specific customer requirements. We have qualified in-house International Welding Specialists (Weld Australia IWS), and AS 2214 qualified Welding Supervisors to guarantee compliance to the applicable standards. Non-Destructive Testing (NDT) on materials and fabricated items is available on request.

Welding Processes Available	
Gas Metal Arc Welding (GMAW)	Flux Core Arc Welding (FCAW)
Manual Metal Arc Welding (MMAW)	Submerged Arc Welding (SAW)
Gas Tungsten Arc Welding (GTAW)	Induction Brazing



GENERAL MACHINING

TS Global offers a comprehensive range of specialised machining capabilities and services tailored to meet the diverse needs of various industries. With our extensive equipment and expertise, we excel in working with a wide range of materials, including metals, plastics, and composites. Our highly skilled machinists possess in-depth knowledge and expertise, enabling us to handle different materials with exceptional precision and efficiency.

Quality is our top priority. We maintain strict compliance with both Australian and International standards, ensuring that we consistently deliver components that not only meet but exceed our clients' expectations. Our unwavering commitment to quality guarantees that our clients can rely on us to provide them with top-notch solutions.

Machining Services Available	
Lathe Turning	Drilling
Milling	Surface Grinding

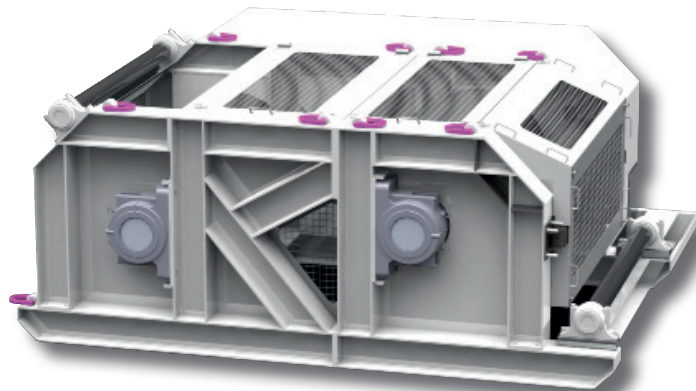


MECHANICAL OVERHAULS

Our mechanical overhaul services include (but are not limited to):

- Conveyor Pulleys
- Gearboxes
- Rope Rollers
- Underground Jibs
- Drive-heads
- Conveyor Take-up Units

Revitalise your equipment and maximise productivity with our expert mechanical overhauls. TS Global ensures that your machinery is returned to optimal working condition, enhancing performance and extending its lifespan. Experience improved reliability, efficiency, and reduced downtime.





QUALITY TESTING SERVICES

We offer a comprehensive range of services tailored to meet your equipment needs. From non-destructive testing (NDT) to factory acceptance testing (FAT) and trial assembly, we provide solutions to ensure quality and reliability.

With NDT techniques such as ultrasonic testing and magnetic particle inspection, we assess your equipment's integrity without causing damage. Our meticulous FAT process verifies that your machinery meets specifications before installation.



ENGINEERING, DESIGN AND DRAFTING

Our qualified and experienced in-house engineers are available for all of your design and drafting needs. Our team can provide assistance on the design of conveyor components. Our ability to provide custom products from design to manufacture means we can adjust our products to suit any application. We use proven manufacturing processes and qualified technicians to ensure the necessary quality standards are achieved. We also constantly strive to improve our products and invest in product development to ensure you have the very best products available.

Our services include:

- Finite Element Analysis (FEA) – used to analyse load stress and reduce fatigue failures
- 3D Modelling – used to save time and minimise costly post manufacture modifications



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