

Engineered Skirt Boxes



TSGlobal[®]
Conveyor & Polyurethane Specialists



The TS Global Skirt Box System is a precision-engineered solution designed to eliminate spillage, dust blowout, and belt wear at conveyor transfer points. Manufactured in-house from stainless steel and engineered to suit each conveyor profile, the system incorporates both hard and soft skirt options to deliver superior sealing, extended wear life, and reduced maintenance. Installed and supported by TS Global's experienced site services team, every skirt box is built to perform reliably in the most demanding operating conditions.

Custom In-House Engineering Expertise

TS Global's in-house engineering capabilities allow us to deliver completely customised skirt box systems built to perform and last. Every unit is custom-engineered, manufactured, and quality-tested by our experienced team. Our capabilities include:

- Precision stainless steel fabrication for long service life and corrosion resistance
- CNC laser cutting and forming for dimensional accuracy
- Skilled welding and finishing to ensure strength and consistency
- In-house design and drafting for tailored solutions
- Quality inspection at every stage of manufacture
- Seamless coordination between engineering and site service teams.

Performance Outcomes

TS Global tailored skirt boxes are designed to deliver consistent, measurable improvements in conveyor performance. Each unit is engineered to eliminate spillage and dust blowout while protecting the belt from damage caused by trapped material. The result is a cleaner, safer, and more efficient conveyor system with reduced maintenance and extended component life.

Soft and Hard Skirt Options

TS Global offers a full range of hard and soft skirt materials to suit any application. Our polyurethane hard skirt provides a lightweight, belt-friendly alternative to traditional steel, delivering safer handling, reduced manual intervention, and improved sealing performance. Designed to minimise spillage and wear while simplifying installation and maintenance, it offers a reliable and efficient solution for conveyor containment.

Installation Capabilities & Site Experience

TS Global Site Services delivers complete lifecycle support — from inspection and design through to fabrication, installation, and maintenance. Our technicians are trained to assess existing systems and recommend engineered outcomes that eliminate spillage and improve performance.

FEATURES	BENEFITS
Hard skirts adjusted externally	<ul style="list-style-type: none"> = Reduces manual handling = Improves adjustment accuracy = Minimises jamming and belt wear = Improves inspectability and access
Adjustability of skirt box over time	<ul style="list-style-type: none"> = Eliminates spillage and fugitive dust = Maximises soft skirt life = Reduces maintenance and clean up expenditure
Engineered to fit specific belt sizes	<ul style="list-style-type: none"> = Tailored to each conveyor for optimal performance = Hard skirt is chamfered to suit belt specifications
Multiple soft skirt options	<ul style="list-style-type: none"> = Rubber (traditional, low cost) = Polyurethane (long life, low maintenance)
Multiple hard skirt options	<ul style="list-style-type: none"> = QT/weld overlay (traditional) = Lightweight polyurethane hard liners
Optional polyurethane hard skirt	<ul style="list-style-type: none"> = Lightweight – greatly reduces manual handling, labour hours, and adjustment requirements = No belt damage – polyurethane conforms to the belt profile instead of cutting or scoring = Customisable – made to suit any chute or transfer point; available in custom sizes and reversible for longer life
Stainless steel construction	<ul style="list-style-type: none"> = Long service life and corrosion-resistant
Optional integrated guarding	<ul style="list-style-type: none"> = Seamless all-in-one system



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PHONE 1300 418 298 • **EMAIL** sales@tsglobal.net.au • **WEB** www.tsglobal.net.au

WELSHPOOL WA • TOMAGO NSW • MACKAY QLD

ABN 30 603 644 748