



The Troughing SureGuide® is a quality belt centralising trough tracker designed to automatically respond to the conveyor belt in order to correct the misalignment in the troughing section of the conveyor. The TSG ensures that the conveyor belt is on track and capable of meeting delivery requirements.

The TSG is a fully mechanical frame that responds to the smallest belt misalignment. The frame pivots using a unique linkage arm system that guides the conveyor belt back to centre with very little pressure exerted on the belt edge. Its function is simple, yet its performance is unquestionable and immediate. It requires no more maintenance than standard idler frames and is robust enough to withstand the toughest of mining environments. It can be manufactured to suit belt widths from 450mm - 2600mm in 3- and 5- roller systems.

ADVANTAGES

- 🌀 ***Robust design for the toughest environments.***
- 🌀 ***Little or no maintenance required.***
- 🌀 ***Has a unique pivot mechanism to steer the frame.***
- 🌀 ***Immediately reacts to belt misalignment***
- 🌀 ***Up to 50 meters of belt can be corrected with a single Troughing SureGuide®.***



SINCE 1992

WWW.SUREGUIDE.NET

SUREGUIDE®
 SUPERIOR BELT TRACKING



T: +61 3 9753 5505 | E: sales@sureguide.com.au



T: +27 11 662 7900/1 | E: sales@sureguide.co.za

UNIQUE OPERATIONAL FEATURES AND BENEFITS

The Troughing SureGuide® brings together innovative design and an in-depth understanding of conveyor systems. This robust frame responds immediately to misaligned belts and offers your conveyor system important benefits:

QUICK AND EASY INSTALLATION The Troughing SureGuide® has been designed to fit into SABS1313, CEMA and DIN conveyor system, depending on your requirements.

CUSTOMISED SIZES In 3-roller or 5-roller systems, for conveyor belts ranging in width from 450mm to 2600mm and any inclination angle you require (35° and 45° being the most popular).

DESIGNED FOR EXTREME ENVIRONMENTS Special hardened steels and precision machining is used to manufacture the TSG frames. The frame and steering rollers can handle belt edge damage and bulky loads.

CONTRIBUTE TO CONVEYOR BELT LIFE SPAN Immediate and better belt steering attributes prevents damage to other systems that work on the troughing side of a belt (for example samplers and belt scales), and reduces belt damage.

COST EFFECTIVE OPERATIONS The Troughing SureGuide® reduces downtime and maintenance and is designed to ensure absolute peace of mind. It prevents spillage thereby reducing labour clean-up costs.

BUSINESS AND OPERATIONAL CONFIDENCE Competitive pricing and high levels of service ensure that personnel commissioned to manage a conveyor belt system can access products and advice when they really need it.

WARRANTY The Troughing SureGuide® (TSG) is supplied with a two year conditional warranty.



PRODUCT SPECIFICATIONS

FRAME SIZES:

- 🔗 **3-roller or 5-roller systems**
- 🔗 **Heavy duty systems available**

MATERIALS:

- 🔗 **CNC Precision machined components**
- 🔗 **Thick wall polymer sensor roller**
- 🔗 **Unique centre pivot design**

OPERATIONAL CONDITIONS:

- 🔗 **Belt widths – 450mm to 2600mm**
- 🔗 **Operational temperatures -40°C to +80 °C**
- 🔗 **Recommended spacing along conveyor belt 40m-50m**
- 🔗 **Suitable for all materials**

SINCE 1992

WWW.SUREGUIDE.NET

SUREGUIDE®
SUPERIOR BELT TRACKING



T: +61 3 9753 5505 | E: sales@sureguide.com.au



T: +27 11 662 7900/1 | E: sales@sureguide.co.za