

# PRECISION BELT SCALES

**CONTROL**  
SYSTEMS TECHNOLOGY

THE BELT WEIGHING SPECIALISTS

## **CST MANUFACTURES THE ONLY BELT SCALES IN THE WORLD WITH AN ACCURACY GUARANTEE.**

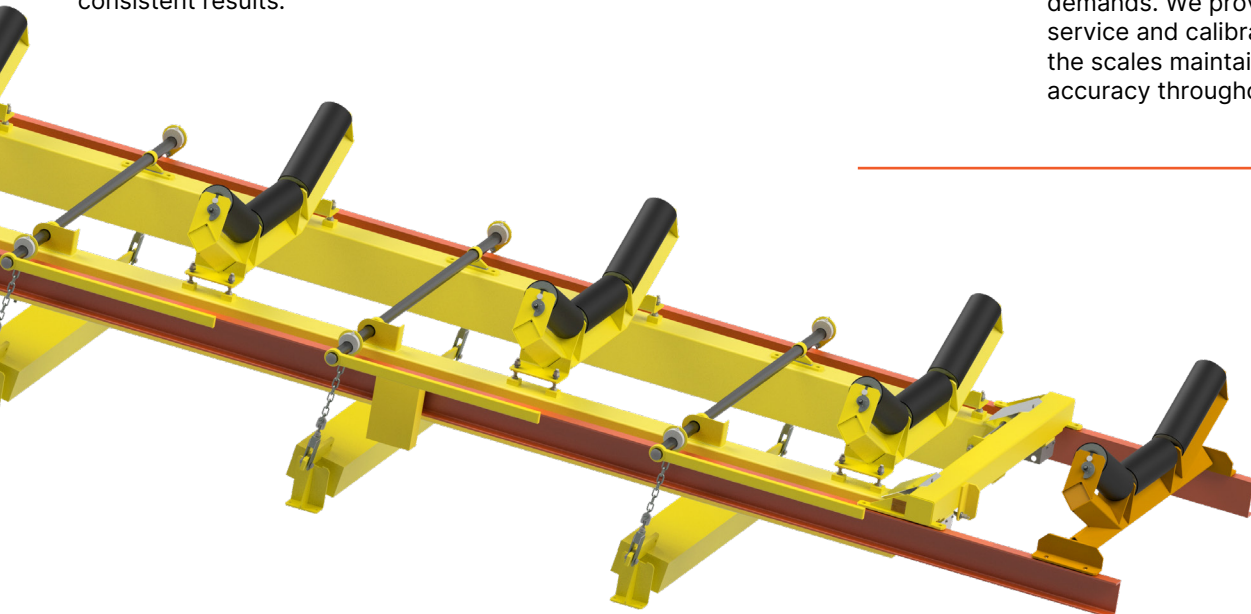
At CST, we understand that performance isn't optional - we engineer it into every application. We pride ourselves on delivering the most accurate and reliable belt scales in the industry. We focus on delivering comprehensive weighing solutions that guarantee accuracy, setting us apart from our competition, and ensuring that you receive the best performance for your bulk material handling needs.

### **HOW WE GUARANTEE ACCURACY**

Our accuracy is guaranteed through our meticulous applications engineering process. This process ensures that every system is designed to meet the specific demands of your conveyors' environment, and we will continue to work with you to achieve the accuracy we promised.

#### **Here's how we do it:**

Each CST belt scale system is engineered to fit the unique conditions of your conveyor, ensuring optimal performance. Our systems are designed to account for variations in belt tension, maximising precision and minimising impact on accuracy. Our commitment to accurate, reliable performance extends over the long term, providing you with peace of mind and consistent results.



## **APPLICATIONS ENGINEERING: THE KEY TO OUR SUCCESS**

Our applications engineering process is the cornerstone of our accuracy guarantee. It involves:

### **DETAILED ANALYSIS**



We work with you, and conduct a thorough analysis of your conveyor's environment to understand its specific requirements.

### **PURPOSE-BUILT SOLUTION**



Based on our analysis, we design and deliver a system that is perfectly suited to your application.

### **CONTINUOUS IMPROVEMENT**



We stay in touch with our customers to continuously innovate and improve our technology to meet evolving demands. We provide ongoing service and calibration to ensure the scales maintain their measuring accuracy throughout their design life.

**ACCURACY GUARANTEED**

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## EXPERIENCE THE CST DIFFERENCE

When you choose CST, you're not just getting a belt scale; you're getting a commitment to excellence. Our high-quality equipment and superior engineering ensure that you receive the best performing belt weigher for your application.



### BETTER WEIGH FRAMES

Fully suspended, with more idlers, longer spacing, and heavier steel, engineered with an 'in conveyor' performance guarantee.



### ADVANCED TACHOMETERS

Proven performance with an Automatic Tachometer Calibration system available in the WIM 3 integrator.



### PRECISION CALIBRATION MASSES

Sized at 100%, divisible for linearity checking, with safer application systems. We ensure full sizing to maintain the highest standards of accuracy and reliability, unlike competitors who offer a cheaper, less accurate solution by reducing size to save costs.



### STATE-OF-THE-ART ELECTRONICS

Trade Certified up to 0.1%, with remote connectivity and advanced features.



### EASE OF INSTALLATION

Modular breakdown and logical assembly, avoiding the need for cranes in many instances.



### MINIMAL MAINTENANCE

Quality CST Belt Weighers are supported by the best team of technicians, requiring less maintenance and reducing downtime. With remote connectivity functionality, we can diagnose many problems without having to send personnel to the site, ensuring quicker resolutions and enhanced efficiency.

## LIFETIME SUPPORT

CST offers unparalleled long-term support, with a 'Lifetime guarantee' that ensures our products are supported throughout their entire working life, often up to 30 years. We keep detailed records of all our belt weigher production, and our global team of service technicians ensure that we can provide the best support whenever and wherever you need it.

## CONTACT US TODAY

Ask us how our accuracy guarantee can optimise and enhance your bulk material handling operations, and learn more about how we engineer performance into every application!



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