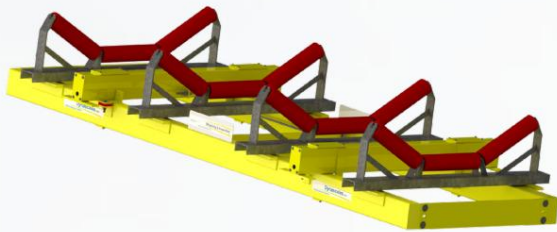


DYNASCALES

Conveyor Belt Scale

Efficient and accurate weighing solutions

Conveyor Belt Scales



Model 1014 High Precision, Certifiable Precision Scale

Designed specifically for high-precision or pay-by-weight applications requiring certification from government and regulatory agencies, this extremely accurate belt scale boasts an accuracy of up to 0.125% and is the most widely certified belt scale in the world.

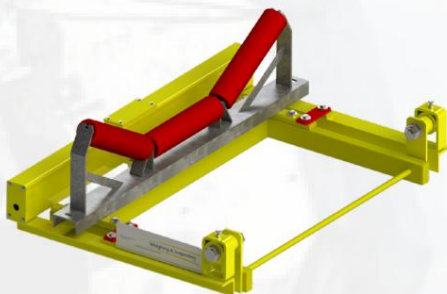
The Dynascales 1014 Series allows you to monitor production and inventory, or regulate product loading, while providing vital information for effective management and efficient operation of your business.



Model 1030 compact design, optimal alignment and precision

Designed specifically for crushing plants, mills, sieves and other processes with accuracies up to $\pm 2\%$, under the most difficult conditions.

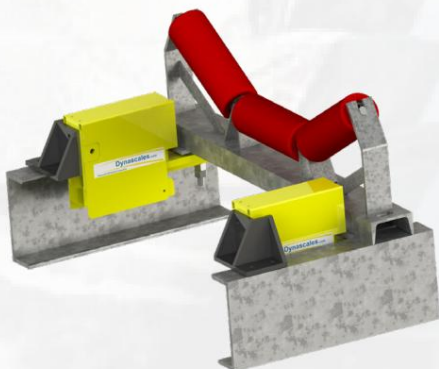
The Dynascale Model 1030 conveyor belt scale allows you to monitor and control your production while providing information on efficient operations.



Model 1020 Standard Scale for Plants and Processes

Monitors feed to crushers, mills, screens and other processes with an accuracy of $\pm 0.5\%$, even in the most demanding applications.

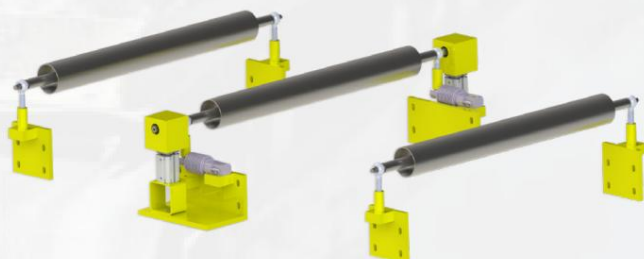
The Dynascales 1020 model allows you to monitor production and inventory, or regulate product loading, while providing vital information for the effective management and efficient operation of your business.



Loadblock Basic Process Model, Monitoring Scale

It provides basic information on the rate and totalizing functions in processes involving non-critical or lower value materials with an accuracy of $\pm 1\%$.

Dynascales' Loadblock conveyor belt scale system provides vital information that enables you to effectively manage and efficiently operate your business by monitoring production and inventory, or regulating product loading.



Model 1042 for applications in food and tobacco

The Dynascale Model 1042 belt scale is designed for conveyors with flat rollers.

It allows you to monitor and control production while providing information on efficient operations. The Dynascale 1042 model is designed for high precision and is primarily used in food and tobacco applications.

The belt scale consists of the model 1042 weighing bridge, with a frame on 2 load cells, the WIS-526 speed sensor, and the weighing electronics (optionally calibrated) WI-301 or WI-8101E. The weighing frame, speed sensor, and weighing electronics have all proven their effectiveness in practical applications in belt weighing systems.

About us

From mining and quarrying to chemical plants, asphalt production, cement manufacturing, paper mills, and more, every industry has unique requirements for accurate weighing and material flow control. Dynascales offers a range of reliable and efficient weighing solutions specifically designed for these industries. Dynascales belt weighers provide precise measurement of material flow on conveyor belts, enabling accurate control, optimized operations, and compliance with quality standards.

Real-time weight data and advanced features empower operators to make informed decisions, improve productivity, and minimize waste.

Discover how reliable weighing solutions from Dynascales contribute to greater efficiency and quality

of product and overall operational excellence. We provide you with unique tools and technologies that drive success in all these industries.

Weighing frame

Dynascales offers a variety of weighing frames designed for different applications. The Compact Frame is a rigid frame with no moving parts, which can accommodate 2, 3, or 4 weighing hoppers. The 1020 weighing frame is quick and easy to install, integrating seamlessly with the conveyor belt to minimize deviations.

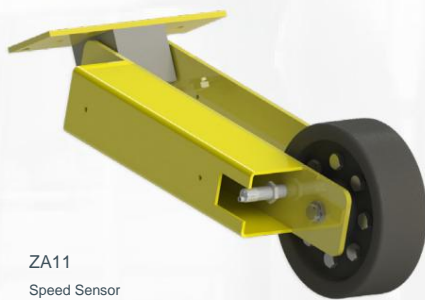
The 1030 weighing frame is similar to the 1020 frame but provides additional support and reinforcement to the conveyor belt. The Loadblock weighing frame features a compact design and is resistant to vibration, moisture, and product buildup. It can be easily installed, ensuring minimal weighing deviations.

Conveyor belt speed sensor

The WIS-526 digital speed transducer is the most reliable and accurate speed transducer developed to date for use with conveyor belt weighers. By connecting the transducer directly to the belt's reversing roller or return roller, accurate belt operation readings are guaranteed. There are no wheels running on the belt, preventing problems caused by product buildup or belt slippage.



WIS526 Belt Speed Sensor



ZA11
Speed Sensor

ZA-11 Speed Sensor

We offer you this speed sensor as a means for verification, regardless of whether the belt is rotating or not, in either direction. This digital speed sensor can be easily mounted on an existing conveyor frame or mounting bracket.

Specs:

- Housing: 304 stainless steel and plastic, IP65 or Steel (powder coated) and plastic, IP65
- Temperature range: -20 to +65°C
- Weight: 2.5 kg
- Connection cable: 3-wire shielded

The integrator

The WI-301 integrator is a weight integrator for dynamic weighing systems. By integrating the mV signal from the load cells in the weighing frame and the pulse signal from the speed sensor, the WI-301 integrator generates a reading for the product flow, for example, tons/

The integrator can also read the belt load (kg/m), belt speed (m/s), and daily or total counter (kg or tons). It can also be equipped with various optional boards for purposes such as communication. The integrator can be used for both approved and non-approved applications.



WI301 weighing indicator field version

OTHER PRODUCTS IN OUR RANGE

Dynaflow



Ferrous metal detector



Dynascrew



Safety tilt switches for conveyor belts

SS-43 Series



CB-39 Series



Control units of tilt switches



Weighing & Inspection