



Dynascales.com

Powered by Weighing & Inspection



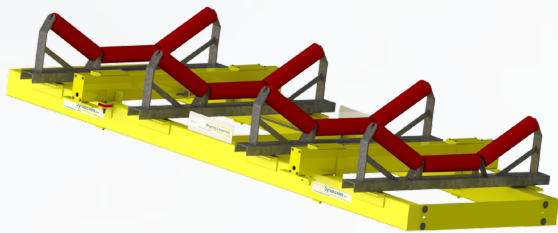
DYNASCALES

Belt Conveyor Scale

Efficient and precision weighing solutions

www.dynascales.com - www.weighingandinspection.eu/dynamic

Dynascales Belt Conveyor Scales



Model 1014 High Accuracy, Precision Certifiable Scale

Specifically designed for high accuracy or basis-of-payment applications requiring certification by government and regulatory agencies. It is extremely accurate to within 0.125% and is the most widely certified belt scale in the world.

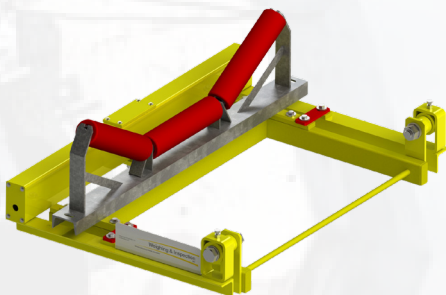
The Dynascales Series 1014 lets you monitor production output and inventory, or regulate product loadout, while providing vital information for the effective management and efficient operation of your business.



Model 1030 compact design, Optimal alignment and accuracy

Specifically designed for crushing plants, mills, sieves and other processes with accuracies as low as $\pm 2\%$, in the most difficult conditions.

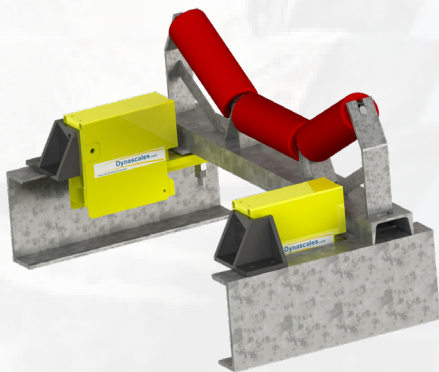
The Dynascale process belt scale model 1030 allows you to monitor and control your production while providing information on efficient operations.



Model 1020 Standard Plant and Process Scale

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

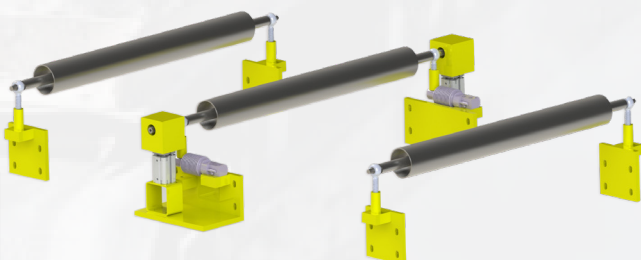
The Dynascales 1020 lets you monitor production output and inventory, or regulate product loadout, while providing vital information for the effective management and efficient operation of your business.



Model Loadblock Basic Process, Monitoring Scale

Provides basic rate information and totalization functions in processes involving noncritical or lower value materials with an accuracy of $\pm 1\%$.

The Dynascales loadblock belt scale system provides vital information that allows you to effectively manage and efficiently operate your business by monitoring production output and inventory or regulating product loadout.



Model 1042 for food and tobacco applications

The Dynascale belt scale model 1042 is designed for conveyors with flat rollers. The Dynascale belt scale model 1042 allows you to monitor and control your production while providing information on efficient operations. The Dynascale belt scale model 1042 is designed for high accuracies and mostly used in food and tobacco applications. The belt scale consists of the weighbridge model 1042, with a frame on 2 loadcells, the speed sensor WIS526 and the (optionally calibrated) weighing electronics WI301 or WI8101E. Both weighing frame, speed sensor and weighing electronics have already proven themselves in practice in belt weighing systems.

About us

From mining and quarrying to chemical plants, asphalt production, cement manufacturing, paper mills, and more, each industry has unique requirements for accurate weighing and material flow control. Dynascales offers you a range of reliable and efficient weighing solutions designed specifically for these industries.

Dynascales belt weighers provide accurate measurement of material flow on conveyor belts, enabling precise control, optimization of 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 Dynascales' reliable weighing solutions contribute to enhanced efficiency, product quality, and overall operational excellence. We provide you with unique tools and technologies that drive success in all these industries.

Speed belt sensor

The WIS526 digital speed transducer is the most reliable and accurate speed transducer ever developed for use with belt weighers.

By directly connecting the transducer to the belt reversing roller or a return roller, you are guaranteed an accurate belt run reading. No wheels running over the belt, preventing problems caused by product accumulation or belt slip.



ZA11
Speed Pick-up

The integrator

The WI301 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 WI301 integrator generates a readout for the product flow in e.g. tonnes/hour.

It is also possible to read out the belt load (kg/m), belt speed (m/s) and the daily counter or total counter (kg or Ton). The integrator can also be equipped with various optional boards for e.g. communication purposes. The integrator can be used for both approved and non-approved applications.

Weighing frame

Dynascales offers a variety of weighing frames designed for different applications. The Compact Frame is a rigid frame without moving parts, on which 2, 3, or 4 weighing troughs can be placed. The 1020 weighing frame is quick and easy to install, seamlessly integrating 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 vibrations, moisture, and product accumulation. It can be easily installed, ensuring minimal weighing deviations.



Digital speed sensor WIS526

ZA11 Speed Pick-up

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

Specifications :

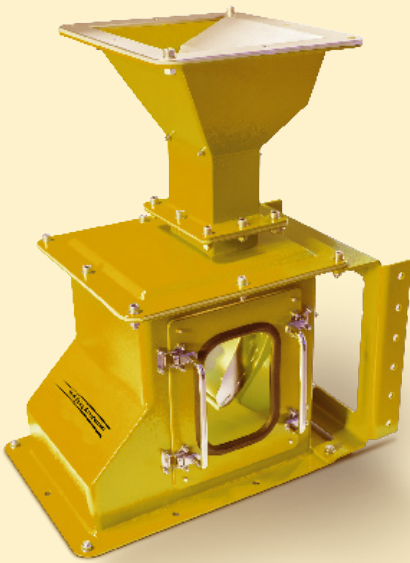
- Housing: Stainless Steel 304 & Plastic, IP65, or Steel (powder-coated) & Plastic, IP65
- Temperature range: -20 to +65°C
- Weight: 2,5 kg
- Connection cable: 3-wire shielded



WI301 Weighing indicator,
Field - version

OTHER PRODUCTS IN OUR RANGE

Dynaflow



Tramp Metal Detector



Dynascrew



Conveyor belt safety tilt switches

SS-43 series



CB-39 series



Tilt Switches control units



Weighing & Inspection

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