

Belt Weigher



Inherently Stable Design
Rugged Construction
Engineered to suit each location

Accurate Continuous Weighing

Dynamic Weighing Specialists

Solutions for weighing materials on the move

Weigher Features

- Flowrates up to 5,000tph
- Belt Width 300 to 3,000mm
- Full Floating Weigh Frame Construction
- Overload stops
- Calibration racks
- Easy Calibration Procedures
- Modular Weigh Controller System

Options

- Weigh Quality Idlers
- Stainless Steel, Galvanised
- Printer
- Integrated Calibration Check Weights



Belt Weigher with Integrated Calibration Check Weights

Accuracy

Standard Single Idler Belt Weigher
- expect accuracy of ± 0.5 to $\pm 1.0\%$.

Standard Multi Idler Belt Weigher
- expect better than $\pm 0.5\%$.

Weigh Controller Features

- Customisable Graphics Display
- Field Upgradeable Software
- 4 or 8 Digital Inputs
- 4 or 8 Digital Outputs
- Connect Multiple Weigh Transmitters to One Display
- Automatic Belt Zeroing
- Easy to use menu selection of settings
- Programmable limit outputs
- Flowrate retransmission
- Material totaliser
- Modbus communications
(independent RS232 and RS485 ports)
- 24Vdc power supply
- Removable Chip memory to hold calibration

Belt Weighers can be used to weigh any bulk material that can be transported by conveyor — horizontal, inclined, troughed or flat.

Active Weighing Solutions Belt Weighers are successfully used in industries including Quarries... Steel ... Food ... Grain ... Recycling ...

Continuous Weighing

Installed into your existing or new conveyor, the Belt Weigher will accurately totalise the passing product, providing simple process control or accurate stock monitoring.

Blending

Where minor ingredient addition accuracy is critical, the Belt Weigher output signal can be used as the remote set point for a gravimetric feeder.

The set point can be run through a ratio controller, allowing minor ingredients to be added as a percentage of the main product. When the product flow rate "drops off" the minor ingredient follows at the correct ratio.

The Belt Weigher flow rate output signal can also be used with a Volumetric Feeder where the accuracy of minor ingredient addition is less critical.

Bulk Outloading

Active Weighing Solutions Belt Weighers can be used in conjunction with a pre-determining counter to allow accurate batching into rail or truck, maximising loading and preventing over weight loads.



FOR SPECIFIC APPLICATIONS CONTACT ACTIVE WEIGHING SOLUTIONS
OR OUR REPRESENTATIVE.

Active Weighing Solutions is continually improving the design of its products and reserves the right to make alterations without prior notification.



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