



## Belt Weighers

Single, Twin & Multi Idler Models



**Inherently Stable Design**  
**Rugged Construction**  
**Engineered to suit each location**

Dynamic Weighing Specialists

Solutions for weighing materials on the move

## Belt Weigher Standard Features

- Flowrates up to 5,000tph
- Belt Width 300 to 3,000mm
- Full floating weigh frame
- Construction: Mild steel - zinc plated and powder coated
- Overload Stops to protect Load Cell
- Calibration Racks
- Automatic Belt Zeroing
- Modular Weigh Controller system
- Customisable Graphics Display
- Connect Multiple Transmitters to One Display

## Options:

- Stainless Steel construction
- Galvanised
- Integrated Calibration Check Weights
- Weigh Quality Idlers

## Accuracy

Standard Single Idler Belt Weigher

- expect accuracy of  $\pm 1.0$  to  $\pm 2.0\%$

Standard Two Idler Belt Weigher

- expect accuracy of  $\pm 0.5$  to  $\pm 1.0\%$ .

Standard 4 Idler Belt Weigher

- expect accuracy better than  $\pm 0.5\%$ .



1800 wide Multi Idler Belt Weigher application



1500mm wide Zinc plated, Powder Coated Twin Idler Belt Weighers prepared for transport



Belt Weigher featuring Integrated Calibration Check Weight Option

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

## Continuous Weighing

Installed into an 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

The Belt Weigher can be used to batch out a predetermined load with pre-act to accurate batching into rail or truck, maximising loading and preventing over weight loads.



600mm wide Flat Belt Feeder



Twin Idler 600mm wide Belt Weigher - trough belt with 28 degree incline application



Single Idler 600mm wide Belt Weigher—trough belt application



Single Idler 600mm wide Stainless Steel Belt Weigher application



## Modweigh MW95 Controller

### Features

- Flowrate measurement
- Programmable 4-20mA flowrate output
- 4 or 8 Programmable Digital Inputs
- 4 or 8 Programmable Digital Outputs
- Material Totaliser
- Totalised Pulsed Output
- Automatic Belt Zeroing
- Easy to use menu selection for settings
- Modbus comms (independent RS232 & RS485 ports)
- Field Upgradeable Software
- 24Vdc power supply

### Additional Options

- Second analogue input/output card

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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