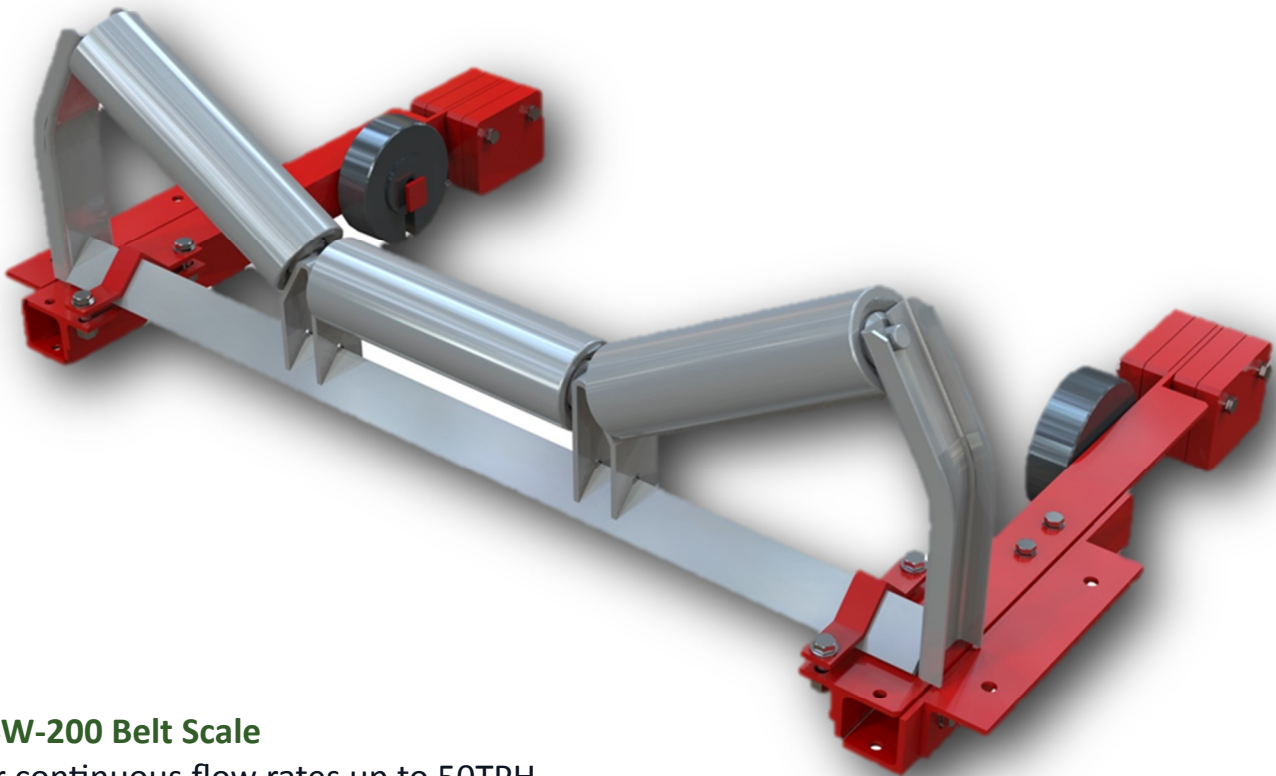


# Greenbank GBW-200®

## Belt Scale

Single Idler Belt-Weigher for flow rates up to 50TPH



### GBW-200 Belt Scale

For continuous flow rates up to 50TPH. The GBW-200 Single Idler Belt-Weigher is designed to remove high tare loads by using counterbalance weights allowing the use of smaller load cells when weighing very light materials.

## Greenbank Group UK

Incorporating:  
Greenbank Terotech  
Greenbank Materials Handling  
GAIM



## GENERAL SPECIFICATION

### GBW-200 Belt Scale

For continuous flow rates up to 50TPH, the GBW-200 Single Idler Belt -Weigher combines quality, performance and affordability in a modular format. This unit is designed to remove high tare loads by using counterbalance weights allowing the use of smaller load cells when weighing very light materials.

### Installation

The GBW-200 mounts easily into your conveyor stringers using only four M12 bolts. The GBW-200 uses two low capacity single point load cells with the GBWI-436 integrator. ATEX rated load cells are also optional for zoned areas.

### Construction.

The framework is powder coated mild steel of a modular design. A stainless steel version is available as an option.

### Accuracy

Greenbank offer an accuracy of +/- 2.0% of the totalised load over a 3:1 range for a single idler system. With up to four systems used serially, this accuracy can be improved to +/- 1.0% on rates up to 50 tph, putting it on a par with all of our competitors. The GBW-200 unique weigh frame design ensures unrivalled accuracy and repeatability of 2.0% accuracy based on a totalised weight over a 33-100% design capacity.

### Calibration

Calibration is simple and straight forward and can be carried out using test weights or material. Greenbank are able to supply a service contract using the test weights supplied or you could perform your own calibration.

### Reliable

Virtually maintenance free design for effective dynamic in-line weighing applications.

### Controller

The GBWI-436 has panel or wall mounted options available, with a user friendly operator interface with simple push-button keypad. Options for multi drop, serial and analogue are available.

## GBW-200 BELT SCALE

### Repeatable

The innovative mounting arrangement is not influenced by external interference or misalignment.

### Installation

The modular weigh frame can be installed into any area where space is restricted. The installation is quick and easy, taking only a few hours to complete.

### Technical Data: GBW-200

#### Belt Width

600mm to 1800mm

#### Accuracy:

± 2.0% of totalised weight over a 3:1 range of design capacity on an approved installation.

#### Calibration:

Via test weights or material tests.

#### Overload Protection:

Infinite mechanical stop.

#### Load Cell:

High precision shear beam load cell is temperature compensated and hermetically sealed.

#### Speed Sensor:

Digital, photo electric sensor mounted GWE-50 wheel assembly or digital shaft encoder mounted on return bend pulley or tail drum.

#### Weigh Module:

Mild steel with rust-resistant primer and powder coated finish. Stainless steel option available.

#### Weigh Module Mounting Beams:

Mild steel painted with rust-resistant primer and powder coated, pre-drilled for mounting weigh module to existing framework.

### Head Office:

Hartshorne Road, Woodville,  
Derbyshire, DE11 7GT  
United Kingdom