

Belt Scales

In-Motion Feeding, Weighing, and Metering Equipment



TECWEIGH[®]
Tecnetics Industries, Inc.



Product Line



WY15

WY Series Belt Scales

Tecweigh's WY15, WY25, & WY45 belt scales feature single, dual, and four idler configurations to meet or exceed accuracy requirements. Self-storing calibration weights make routine checks easy and safe.

These scale systems are built for the harsh conditions commonly encountered in aggregate and mining, making them ideal for many other industries.

Features

- Single Idler Scale $\pm 1/2\%$ Accuracy
- Dual Idler Scale $\pm 1/4\%$ Accuracy
- Four Idler Scale $\pm 1/8\%$ Accuracy
- Fully Welded Frames
- Standard Belt Widths 18" – 72"

Components

- (2-8) NTEP Approved Strain Gauge Load Cells
- Self Storing Calibration Weights

Options

- Shim Kits Available
- Installation Kit
- Mechanical Overload Protection

WY45 HDS

WY HDS Series Belt Scales

The HDS (Heavy Duty S-type loadcell) belt scale features a full-floating unitized weigh frame with self-storing calibration weights. It is designed for the highest capacity applications and built to survive the most demanding processes.

The HDS is available in single, dual, or four-idler configurations with a variety of speed sensors to best suit the application.

Features

- Single Idler Scale $\pm 1/2\%$ Accuracy
- Dual Idler Scale $\pm 1/4\%$ Accuracy
- Four Idler Scale $\pm 1/8\%$ Accuracy
- Fully Welded Frames
- Standard Belt Widths 36" – 96"

Components

- (4) NTEP Approved Strain Gauge Load Cells
- Self Storing Calibration Weights

Options

- Shim Kits Available
- Installation Kit
- Mechanical Overload Protection



HY15

Hybrid Belt Scale

The HY15 is a cost effective and proven modular scale designed for lighter loading applications and is perfect for stacker/portable conveyors.

Designed for the rock, sand, and gravel markets, the HY15 can adapt to almost any conveyor where lower cost and ease of installation is desired

Features:

- Single Idler Scale $\pm 1/2$ -1% Accuracy
- Electronic Calibration
- Low Profile and Compact Design
- Mechanical Overload Protection
- Heavy-Duty Cold-Rolled Steel Construction

Components

- (2) NTEP Approved Strain Gauge Load Cells
- Installation Kit

Options

- Shim Kits Available
- Installation Kit



WY10

WY10 Conveyor Belt Scale

The Tecweigh WY10/WY10HD Single Idler Conveyor Scale is a rugged, dependable solution built to withstand dust, dirt, and harsh weather with its weather-tight, one-piece construction.

Featuring unique LVDT load sensor technology, it's ideally suited for primary crusher belts in the aggregate, sand and gravel industries.

Features

- Single Idler Scale $\pm 1/2$ % Accuracy
- Fully Welded Frames
- Standard Belt Widths 18" – 72"

Components

- LVDT Load Sensors
- Self Storing Calibration Weight

Options

- Shim Kits Available
- Installation Kit

WP50 Scale Processor

The WP50 is a powerful, multi-purpose controller designed for use as a belt scale, load-out, or feed controller with integrated PID control. It comes standard with analog and serial I/O, with optional PLC communication and an integral web interface for remote access.

The WP50 offers a robust, reliable solution backed by a 5-year warranty—making it the best processor to combine with a new belt scale or weigh belt feeder system. It's also an ideal replacement for legacy retrofit installations. Optional NEMA 4X, 304 or 316 stainless steel enclosures as well as NEMA 4X polycarbonate. UL and cUL approvals are available with the NEMA 4X polycarbonate enclosure.



NEMA 12 painted steel enclosure



Optional polycarbonate enclosure



Webpage Interface

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