

# Superior Belt Scale

Evaluate Inventory, Production Goals and Rail Car or Truck Loading



## Quick Specs

- ▶ **Belt Widths:** 18" - 72"
  - ▶ **Accuracy:** +/- 1% or +/- 0.5%
  - ▶ **TPH:** Up to 3000\*
- \*(dependant on belt speed and idler spacing)

## Frequently Asked Questions

### What are the package options?

- ▶ Depending on your needs, you can purchase each of the following separately or together as a total package: WB or HD belt scale, PM1500 or PM2000 integrator and the speed sensor.

### Where should I install the scale?

- ▶ If possible, it's best to install on the first half of the conveyor from the tail pulley. Installation should be at least 20 feet from your load zone and 40 feet from any curve up or down. The owner's manual is packed with more specific details to help get it right.

### What if I already have a speed sensor?

- ▶ There is good news! In most cases, both the PM1500 and PM2000 are designed to recognize third party sensors. However, the SS-150 comes standard with the package.



Speed Sensor

## Digital Literature

Forward to Colleague



HD Conveyor Belt Scale

## Features and Benefits

### Precision Accuracy

- ▶ +/- 1% accuracy or +/- 0.5% accuracy
- ▶ 2 independent load cells for greater accuracy
- ▶ **NOTE:** You can achieve (+/- ¼%) accuracy when using 2 HD scales in conjunction with one PM2000 monitor. (Dual idler option)

### Ease of Troubleshooting

- ▶ Avoid replacing entire system if one cell is damaged
- ▶ Independent load cell read-outs allows you to easily see which load cell is malfunctioning

### Fast and Easy Installation

- ▶ Easy clamping method secures scale package to conveyor frame
- ▶ Superior quality idler with 0.015" TIR tolerance and custom frame

### Powerful Integration

- ▶ **PM2000** Limitless integration into existing in-plant controls
- ▶ **PM2000** Control the speed of the belt
- ▶ **PM1500 & PM2000** Save up to 8 totals
- ▶ **PM1500 & PM2000** Built-in inclinometer for use on variable incline conveyors



