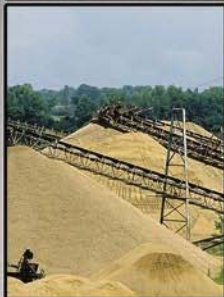
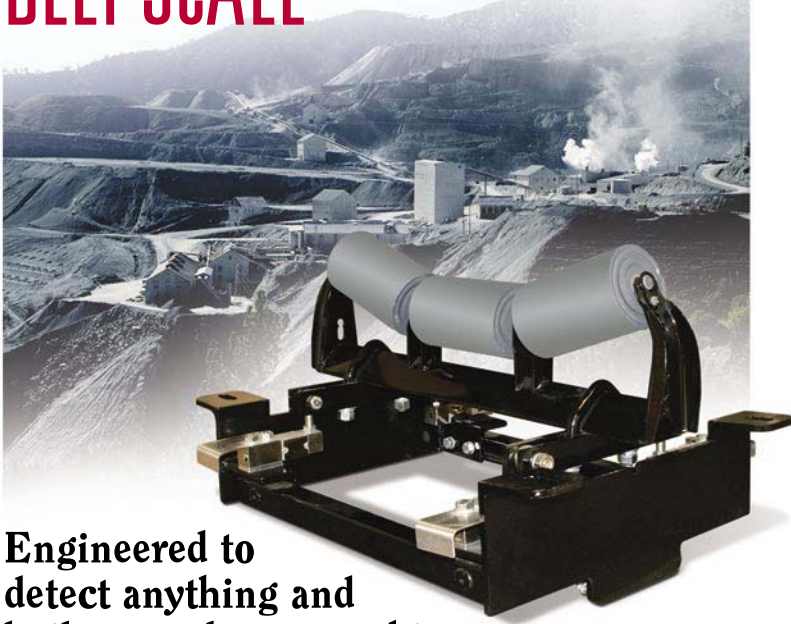


BELT SCALE

IN-MOTION CONVEYOR
WEIGHING SYSTEM



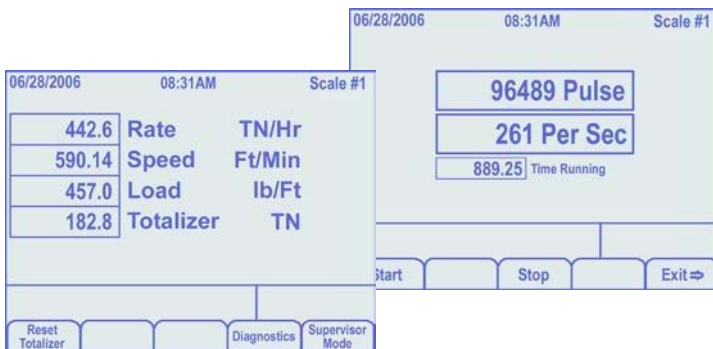
BELT SCALE IN-MOTION CONVEYOR WEIGHING SYSTEM



Engineered to detect anything and built to outlast everything you run across it.

Durability or accuracy? With most belt scales, you get one or the other. Electroamerica has developed a belt scale design that gives you both. This belt scale is not only one of the most accurate in its class, it's built to last. Ideal for mining, quarries, bulk material blending, process control operations, and truck/barge/rail load-out applications, this durable belt scale easily handles capacities up to 10,000 tons per hour with unsurpassed accuracy.

Our innovative integrator fits a wide variety of applications—from simple inventory reporting to automated load-out. This rugged belt scale is capable of delivering real-time statistical data through a variety of wired, fiber optic and wireless network options. The robust processing power and expanded networking capabilities enable the integrator to easily communicate with printers, PCs, remote displays, ERP systems, PLCs, and other peripheral equipment.



Easy-to-read display shows rate, speed, real-time load, and total material weighed across the belt since last reset. Configuration is intuitive and fast.

Features of Belt Scale Integrator

- Large 4.6"W x 3.4"H 320 x 240 pixel back-lit LCD graphical display
- NEMA 4X/IP66 stainless steel enclosure
- Four bidirectional communication ports
- Rate and speed time displayed by the hour, minute or second
- Measurement displayed in feet or meters
- Unit of rate displayed in tons, pounds, kilograms, metric tons, or long tons
- For added security, integrator has the ability to be password protected
- Communication protocol cards include DeviceNet™, Allen-Bradley® Remote I/O, Profibus® DP, 4-20mA analog output, Ethernet TCP/IP, RS-232, RS-485, 20mA current loop serial configurable ticket printing
- Built in support for ticket printing

Components

- Four laterally opposed shear beam load cells mounted in a unitized single idler scale frame
- Signal trim TuffSeal™ environmentally sealed junction box, expandable for multi-idler applications
- Direct coupled, magnetic speed sensor encoder on an 8" speed wheel
- 920i-based belt scale integrator



Specifications

Conveyor Widths:	18" to 72"
Capacity:	Up to 10,000 tph
Belt Speed:	Up to 1,200 fpm
Accuracy:	From ±0.25%
Applications:	Mining, quarries, bulk material blending, process control applications, utilities, truck barge/rail loading, retrofit applications

Approvals

