



WE'RE IN **CONTROL**

CONVEYOR SCALE & FEEDER COMPONENTS INFORMATION

Quality product. No excuses.

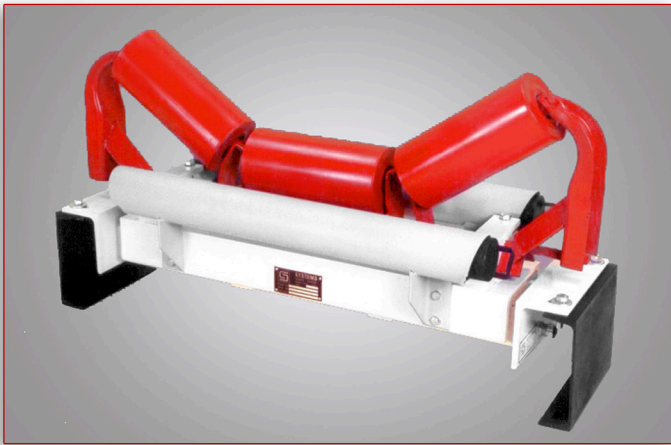


SYSTEMS Equipment Corp.

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Belt Conveyor Weighbridge shown with Manual Dual Test Weight Kit

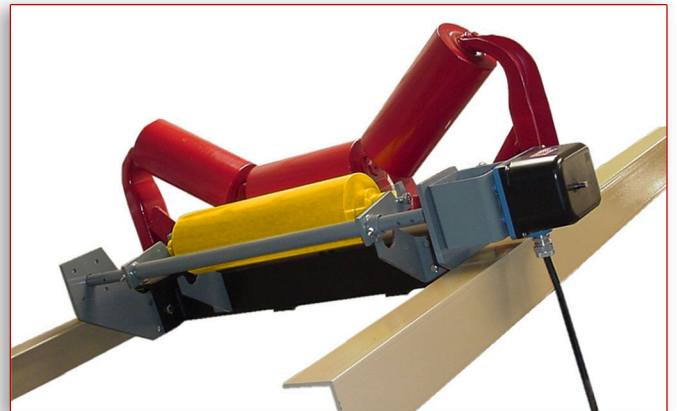
- Single high-capacity, low-cost platform loadcell designed to ensure only the vertical weight component and to ignore off-center loading.
- Rotational moments at weight idler caused by belt sag, idler friction off-center loading, and belt tracking are inherently ignored.
- Mounts directly to conveyor frame and fully isolates side-to-side frame misalignment from loadcell at both installation and operation.
- Idler clamps to a rigid channel mounted directly on loadcell; no rubber bushings or hinges required.
- Simple two-piece fall-through-frame design will not trap material or moisture and provides maximum clearance between scale and conveyor.
- Capable of 0.25% accuracy over 10:1 operating range.

Model FFF60-12C Belt Conveyor Speed Sensor

- Indicates surface speed of conveyor belt by measuring rotational speed of the 'clean side' gravity take-up idlers.
- Direct mechanical and electrical replacement for Ramsey brand model 60-12C speed sensor.
- Complete with weld-on coupling, stabilization arm, mounting spring and electrical cable bushing.
- 50 pulse-per-revolution high-level output.
- No excitation required - directly interfaces with SYSTEMS control equipment.
- Optional - wheel adapter mounting kit allows sensor to run on the 'clean side' of the conveyor belt.

WB-RCW Remotely-Controlled Test Weight Assembly

- Convenient remote-controlled test weight for use with SYSTEMS conveyor scales; 110-volt AC powered.
- Electric actuator places and removes a single 100-pound test weight from bridge assembly.
- Will not create load cell damaging impacts or misalign the weighbridge.
- Provided with limit switches for proving 100% application and 100% removal of test weight.
- Self-centering with ample clearances for accurate and repeatable test results.



Request a Quote

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CONVEYOR SCALES AND FEEDER COMPONENTS

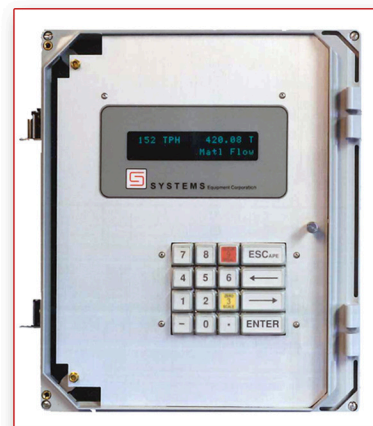
Rugged products engineered for less-than-ideal, real-life operating conditions.

BST-1069 Belt Scale Totalizer/Rate Display

- Clear weather-tight cover.
- Digital display of conveyed material delivery rate, accumulated total and non-resettable total.
- User-specified threshold anticipator extends accumulating interval on start and end of material flow to allow accurate totalization even with intermittent flow.
- Prompted weighed load calibration procedure and assisted calibration.
- User specified input signal filtering, totalizer threshold.

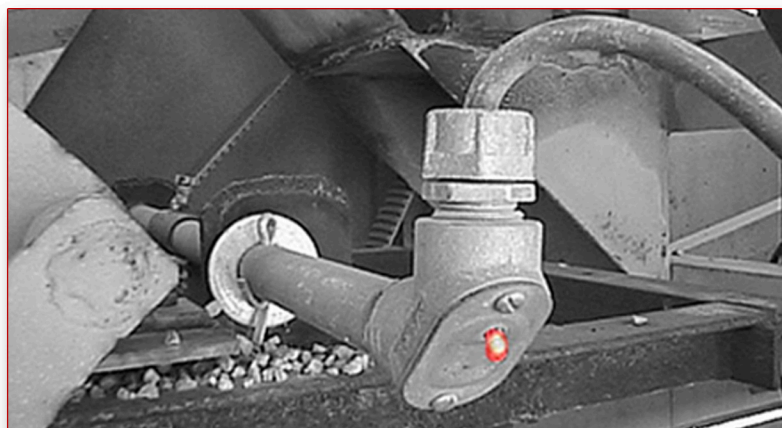
Optional Features Available:

- Analog and pulse outputs
- Serial data streaming output
- Simple batching control & printer output
- Auto Slope interface



Model 1405 Feeder Tailshaft Tachometer

- Indicates surface speed of feeder belt by measuring rotational speed of unpowered tail shaft idler. Proprietary noise filter completely eliminates spurious output signals at zero shaft speed caused by vibration or noisy decoders.
- 1000 pulse-per-revolution high output for max measurement precision and electrical noise immunity.
- 24-volt peak output differential signal dramatically improves signal-to-noise ratio and directly interfaces to SYSTEMS equipment.
- SYSTEMS Lightning Quick Disconnect electronically disconnects component whenever the system power is turned off.
- Differential pulse output eliminates tach cross talk.



Low Aggregate Alarm

- Indicates when aggregate in feeder bin is below a critical level.
- Visible LED light on feeder displays alarm condition.
- Compatible with 10-120 volt (AC or DC) excitation at 20-milliamp loads.

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Nearly three decades in asphalt plant control



Our Engineering & Manufacturing Facilities

Systems Equipment Corporation has been manufacturing a complete line of controls and control-related components for the asphalt and aggregate industries since 1987.

Our staff includes electrical, mechanical, control, and software engineers with a working background in these industries.

Our products are in use worldwide. We sell through dealers, select original equipment manufacturers, and factory direct.

Telephone and on-site service is available direct from the factory or through our network of independent, reputation-based service representatives.



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