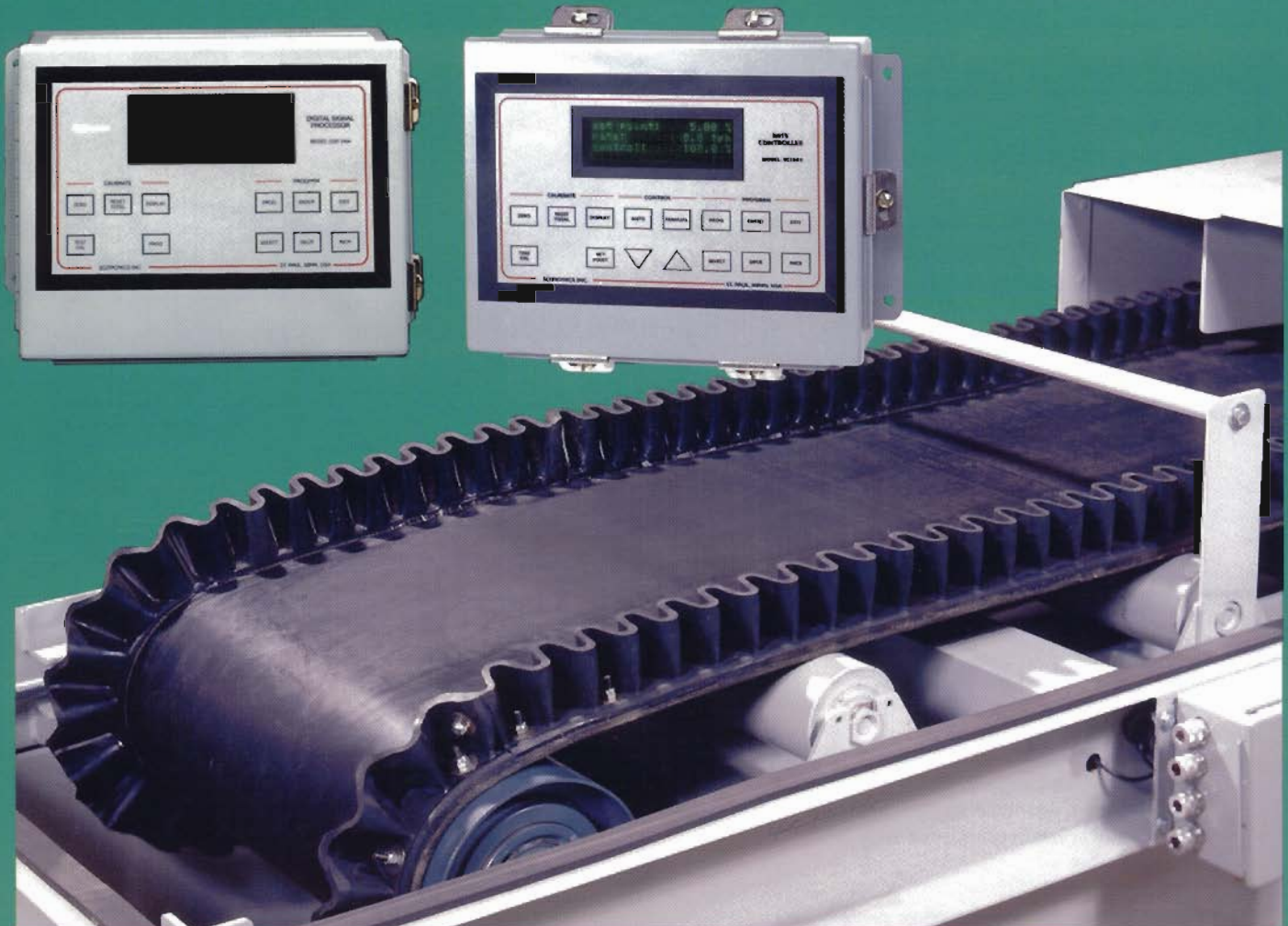


SCITRONICS

Weigh-Belt Feeder

Model BF 1000



The Scitronics Weigh-Belt Feeder comes standard with a Digital Signal Processor or an optional Rate Controller. It is designed to measure a wide variety of products during the prefeeding and blending process. Typical material applications include rock, cement, fly ash, grains and powders.

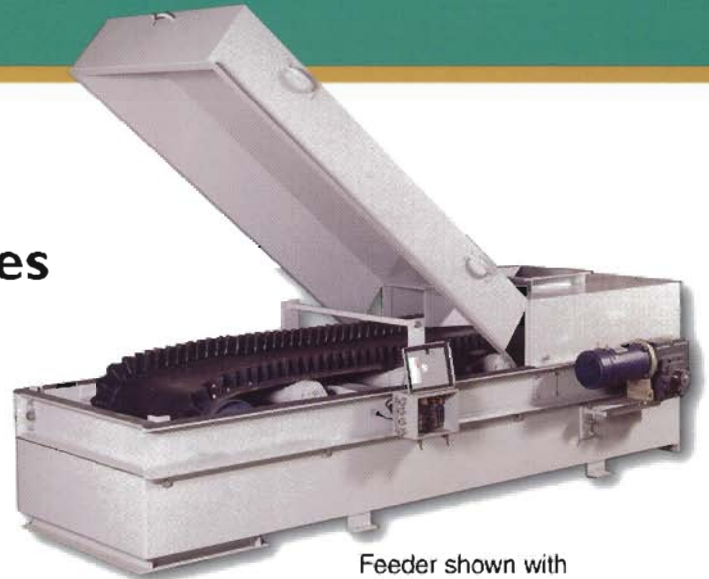
The compact Feeder features a strain gauge load cell to provide an extra measure of weighing accuracy while materials are on the belt. Sound engineering, heavy-duty construction and high quality components assure dependable service.

Controller monitors and calculates tons per hour, total tons and belt speed. It has a high intensity, 3-level adjustable, 4-line, 20-character alphanumeric display. Operation is menu driven and unit is easily programmed by users. Belt widths up to 48 inches and lengths up to 20 feet are available.

You can count on Scitronics for accurate, dependable controls and equipment plus outstanding service before, during and after installation.

Weigh-Belt Feeder Features

- NTEP approved strain gauge load cell
- Custom-sized to fit a variety of applications
- Compact design
- Heavy duty construction for trouble-free service
- Fixed speed standard, variable speed optional
- Custom inlet and discharge configurations to accommodate individual material flow requirements
- Flex sidewall belt
- Easily integrated into material flow process
- Full enclosure optional



Feeder shown with enclosure open and closed



BF 1000 SPECIFICATIONS

Physical:

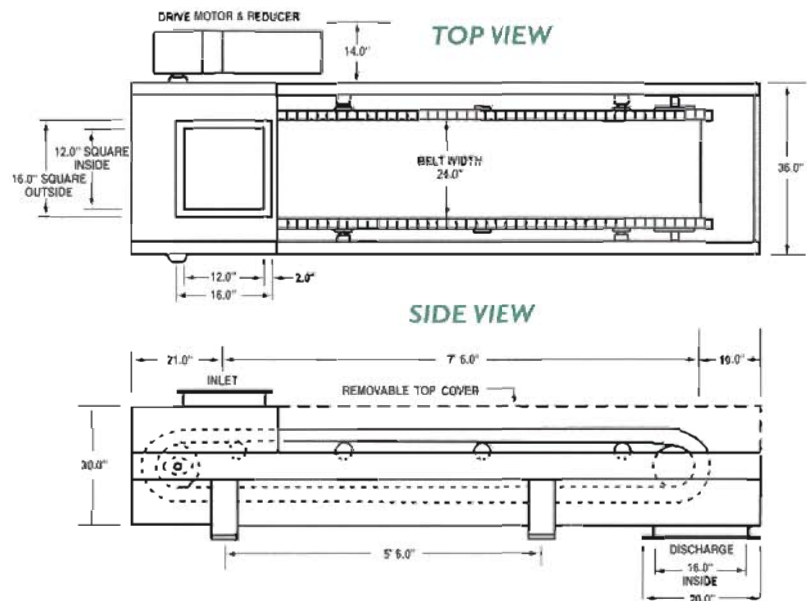
- Frame: Formed steel channel
- Head Pulley: 8" diameter, steel crown faced with internal bearings
- Tail Pulley: 8" steel crown faced with 3/8" thick vulcanized lagging
- Carry rolls: 4" diameter sealed bearing.
- Belting: Vulcanized, continuous with 2" flex wall edge
- Motor: 3/4 HP TEFC
- Drive: Direct coupled gearbox drive

Electrical:

Power: 115 VAC or VDC standard: 230 VAC or 12 volt DC optional

Options:

- Feed Rate Controller with specific set point and high intensity, 3-level adjustable, 4-line, 20-character display
- Chart Recorder
- Alarms
- Computer Interface



Dimensions above are typical and can be changed as requested

SCITRONICS
INDUSTRIAL SYSTEMS

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