

Who is Arch Environmental?

*manufacturer and worldwide distributor of preferred bulk conveyor components since 1975

Mechanical Division

Belt Cleaners•Belt Alignment•Sealing Systems•Dust Control Systems•Impact/Slider Systems

Electrical Division

Belt Scales•Metal Detectors•Pull Cord Switches•Belt Protection Devices•Conveyor Control Systems

*facilities include a fabrication shop, a CNC machine shop, and state-of-the-art urethane production



Field proven industrial electrical components offer dependability with PLC/PC interface.

One of two built-in totalizers is resettable and is tailored to your needs.

Unlimited communications options (wired or wireless).

Auto Tare function continuously maintains true 'zero' regardless of material buildup.

Analog to digital conversion using solid state electronics.

PLC-based processor.

User-friendly software.

Easily integrated into existing data management system with optional SCADA capabilities.

Simple 3-step calibration.

ARCHWEIGH 1000[®] WEIGHT INTEGRATOR



Touchscreen technology makes it simple to determine total weight, rate of flow, and belt speed with precision.

Easy maintenance and repair thanks to modular design technology.

- | | |
|----------------------------|---|
| EZ Installation | ✓ |
| Low Maintenance | ✓ |
| Corrosion Resistant | ✓ |
| Fast Delivery | ✓ |
| Worksheet Req'd | ✓ |

(Conveying Confidence from Tail to Head)

ARCH
ENVIRONMENTAL
EQUIPMENT, INC.

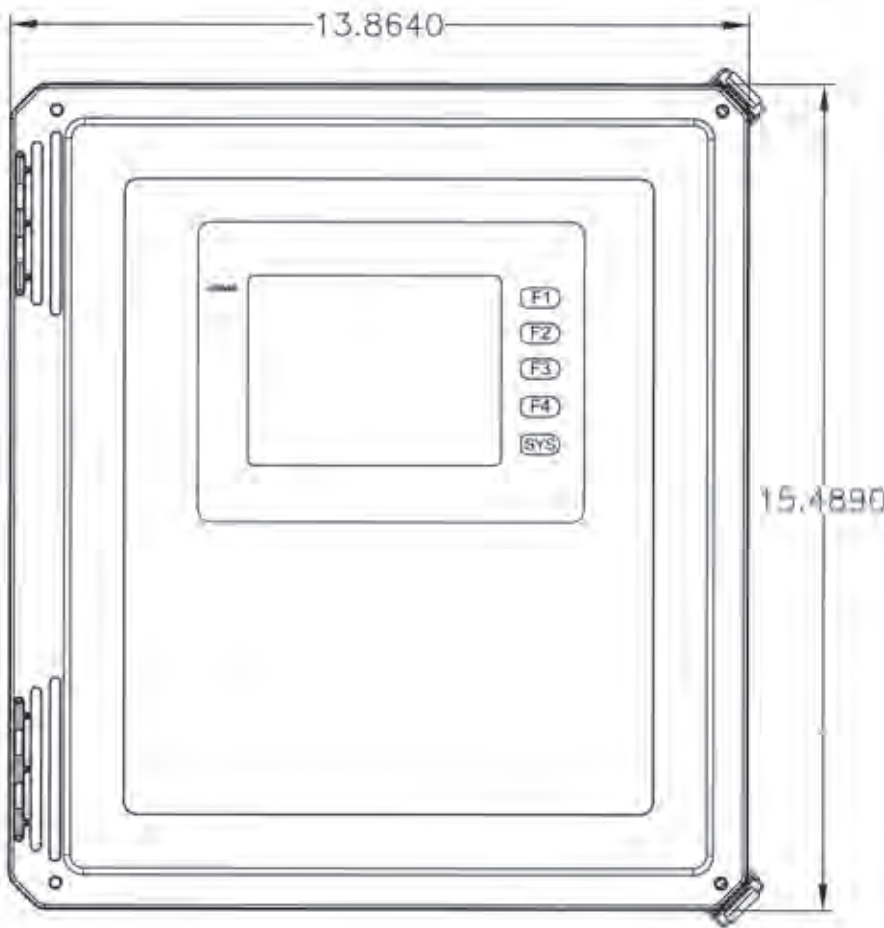
CONVEYOR EFFICIENCY SPECIALISTS

800-553-4567

www.archenv.com



ARCHWEIGH 1000® WEIGHT INTEGRATOR



Power

110 or 220 VAC
1 amp.
Protection: Internal fuse

Options

Outputs: 4-20 mA, 0-20 mA,
0-5V, 0-10V, digital
Displays: Large display,
remote display, chart
recorder, long distance display
Control: Set point control
Temperature: 32-131°F (0-55°C)

Processor

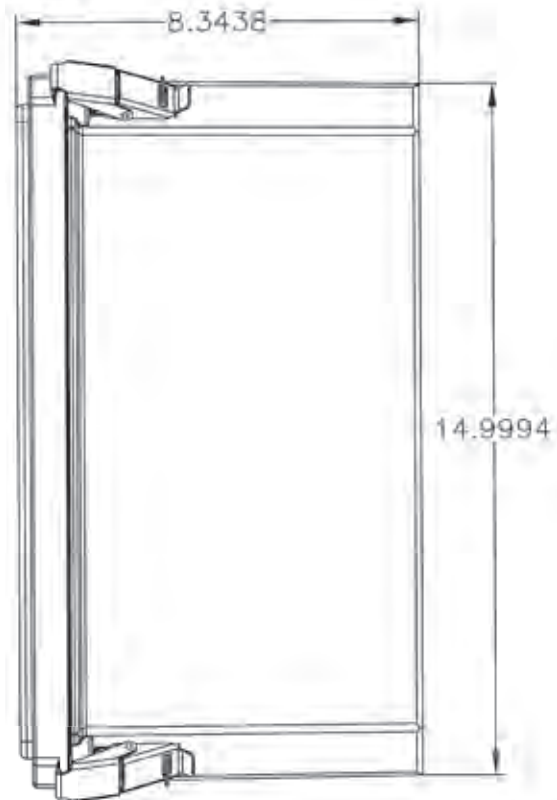
Resolution: 1:500,000
Updates: 60/second
Filter: 3 Pole digital
Converter: 20-bit analog-to-digital
Port: RS422 remote host interface
Output: Pulse output, field definable

Enclosure

14"(H) X 12"(W) X 8"(D)
Protection: NEMA
Construction: Steel

Display

6" Touch Panel-4.75" X 3.5"
Indication: Static weight and rate
Units: Tons, longtons, metric tons, pounds



Covered under one or more of the following patents:
4,202,437; 4,231,471; 4,436,446; 4,489,823; 4,533,036; 4,779,716; 4,877,125;
4,989,727; 5,149,305; 5,222,588; 5,222,589; 5,219,063; 5,350,053; 5,725,083;
other patents pending

Note: If available, prices vary with options.