

# ARCHWEIGH HP<sup>®</sup> BELT SCALE

- ✓ Simple Installation
- ✓ Low Maintenance
- ✓ Super Heavy-Duty
- ✓ Fast Delivery
- ✓ Worksheet Required

Patented ArchWeigh dual load cells assure accuracies of +/- .5% by automatically zeroing out the effects of the idlers movement.

Speed unit precisely measures belt speed. Internal housing means once the scale is installed, so is the speed unit.

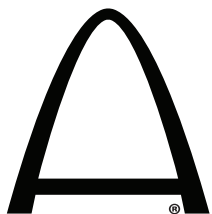
CEMA scale duty idlers (.015 TIR)

Reinforced, factory balanced and leveled frame eliminates the common problems associated with insufficient structure.

Oversized junction box for field connections.



- ArchWeigh HP Belt Scales provide long-term repeatability without recalibration.
- Accurately measures only material on the belt and eliminates the force of the moving belt.
- A complete scale carriage, not a 'do-it-yourself' kit.
- Unique dual load cell design allows for a positive/negative response to account for normal conveyor variance.
- Unitized bridge construction and internal speed sensor allow for one time 'Bolt-In-Place' installation.



**ARCH**  
ENVIRONMENTAL  
EQUIPMENT, INC.

*"Conveying Confidence"*

## WHO IS ARCH ENVIRONMENTAL?

Manufacturer and worldwide distributor of preferred bulk conveyor components since 1975.



800.553.4567 [www.archenv.com](http://www.archenv.com)

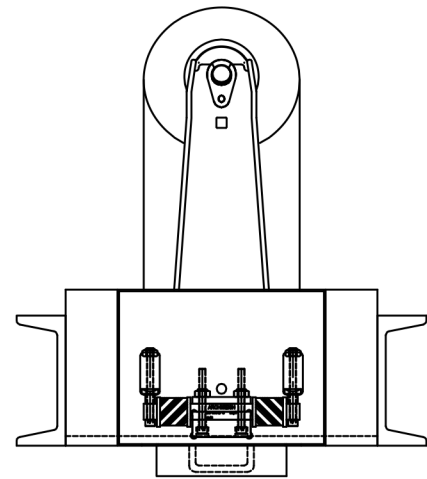
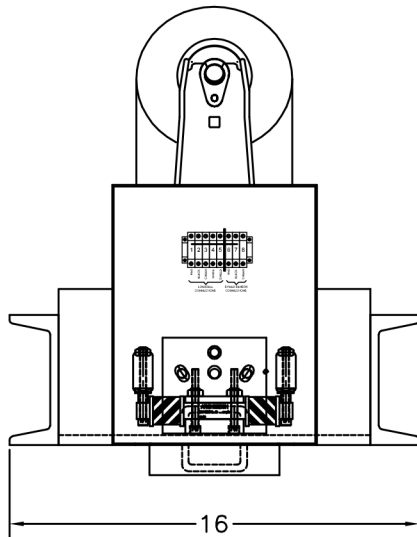
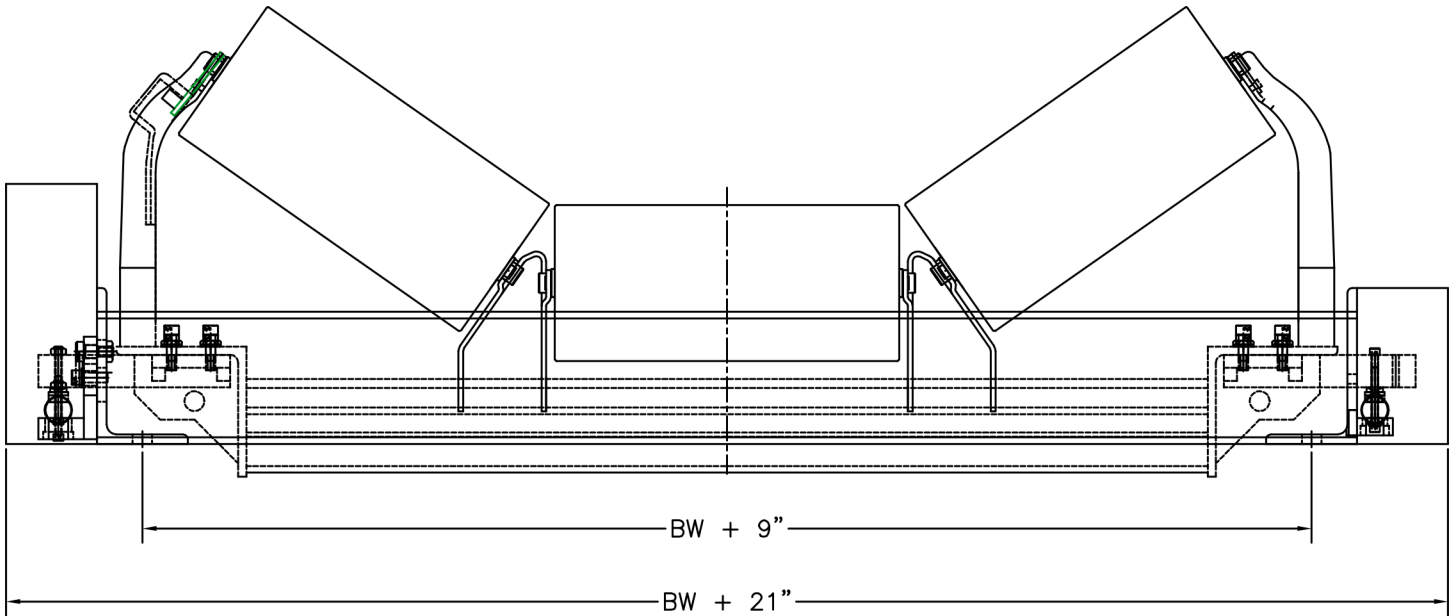
## MECHANICAL DIVISION

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

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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.