

*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



A self-generating power source that can be used immediately or stored for future use without draining current system.

Improves safety & security by providing lighting and security camera day and night.

Produces energy without any byproducts, reducing energy consumption for CO2-producing power plants.

Improves material blending and material segregation.

Can power down conveyor in case of emergency.

Is prepared to meet current and future **sustainability certification requirements.**

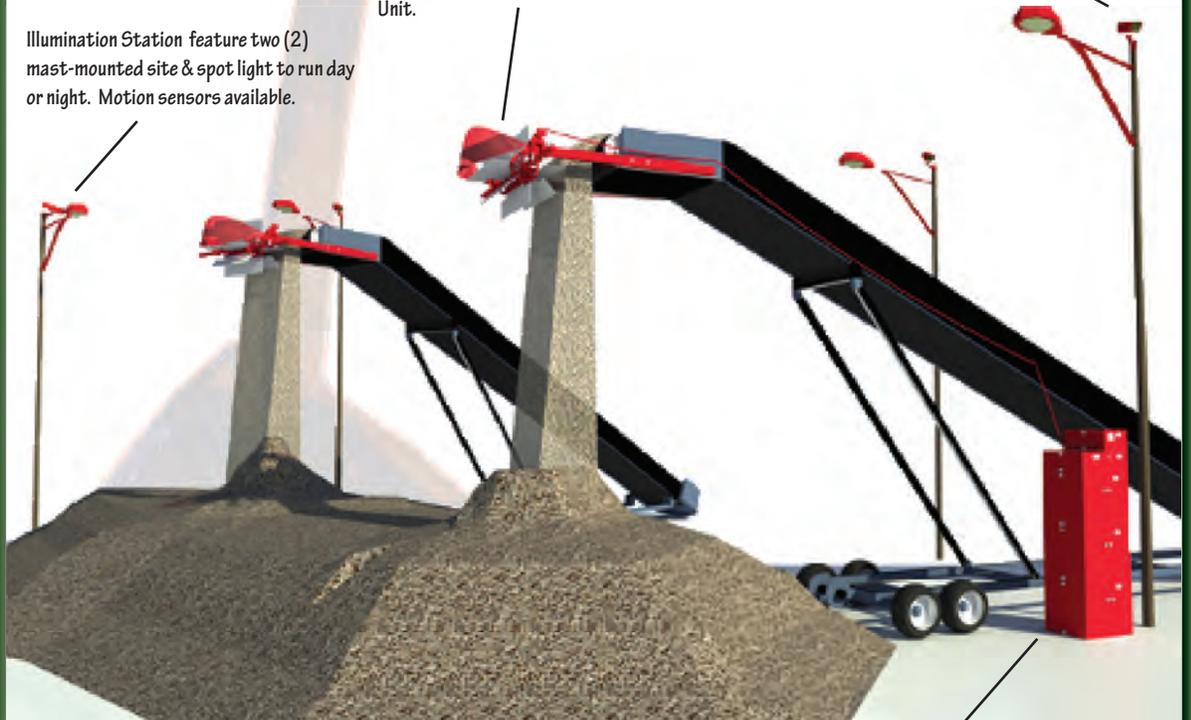
DEH-powered ArchWeigh belt scale conveniently monitors and records material flow.

# DEAN ENERGY HARVESTER

Power Rotor spins as a result of material falling on blades and accelerates to maximum velocity generating kinetic energy to be stored or distributed to Power Storage Unit.

Illumination Station feature two (2) mast-mounted site & spot light to run day or night. Motion sensors available.

Vision Station features a video camera to record drop-zone activity day or night. Footage can be viewed real-time via ethernet connection or saved via built-in SD card slot



Power Storage Unit stores and distributes kinetic energy generated by Power Rotor for immediate or future use.

**ARCH**  
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*(Conveying Confidence)*



