

# HAC™ System

## Product Overview





# HAC™ system

## High angle, high volume productivity

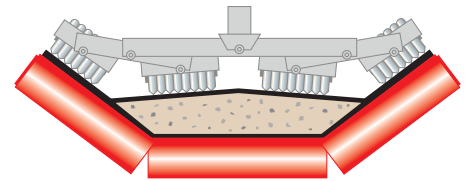
### Proven in a wide variety of applications

Since the early 1980s, the HAC system has proven to be a versatile and money saving method for elevating or lowering materials continuously from one level to another at extremely steep angles.

Over the years, the HAC system has been successfully used in a variety of commercial applications, conveying a wide range of materials. These have included coal, tunnel muck, gravel, wood chips, copper ore, gypsum, slag, excavated silts, sands, clay, grains, refuse, and municipal sludge, among other materials.

The HAC system has taken the sandwich-belt concept, and turned it into a highly reliable materials handling workhorse – the result of specific engineering breakthroughs. One of the secrets to the high performance capabilities of the HAC system technology is its use of pressing mechanisms. The fully-equalized pressing mechanism secures material toward the center of the belt while gently, but effectively, sealing the belt edges together. The HAC system holds the conveyed material continually between the two belts and conforms

to surface shapes without incurring high local forces. Soft, gentle pressure results in the preservation of product quality and longer life for the equipment.



During operation, conveyed material is sealed between the carrying and cover belts. This mitigates the potential for spillage along the conveyor length.



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## The advantage of standard conveyor idlers and rolls

The use of standard conveyor idlers and rolls in the HAC system means greater availability of these replacement components. HAC systems in place around the world have demonstrated high availability and low maintenance costs.

The HAC system is adaptable to multi-module sections using self-contained units, as well as single-run systems. In both cases the conveyor unit may be shortened or lengthened or the conveying angle may be altered according to the requirements of a new location. HAC systems may be mounted on rails, rubber tired or crawler type transporters.

Standard, smooth surface belts allow continuous cleaning by belt scrapers or plows. This is especially important in handling wet and sticky material.

## Versatile, adaptable, and economical

The HAC system is a proven option for a variety of steep angle applications. Contact us for your specific application.



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