

JOYGLOBAL



HAC System

High Angle Conveyor
Product Overview





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HAC System

High Angle, High Volume Productivity

Proven In A Wide Variety Of Applications

Since the early 1980's, the HAC (High Angle Conveyor) system has proven itself 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 components. 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 — eliminating relative movement between material and belts. It does not confront

materials, rather it conforms to surface shapes without incurring high local forces. Soft, gentle pressure assures the preservation of product quality and long life for the equipment.



The HAC system is a proven method for conveying materials vertically from tunnelling operations to the surface.

Plus, The Advantage of Standard Conveyor Idlers And Rolls

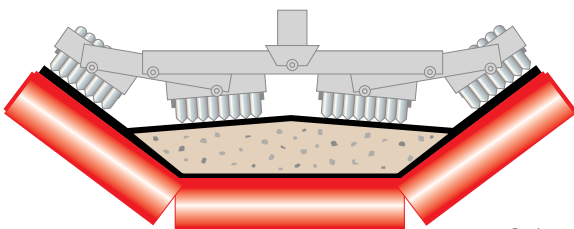
The use of standard conveyor idlers and rolls in the HAC system means replacement of these components is quick and easy. HAC systems in place around the world have demonstrated high availability and low maintenance costs.

The HAC system lends itself to multi-module conveying systems using self-contained units, as well as single-run systems using externally anchored high angle conveyors. 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.



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



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