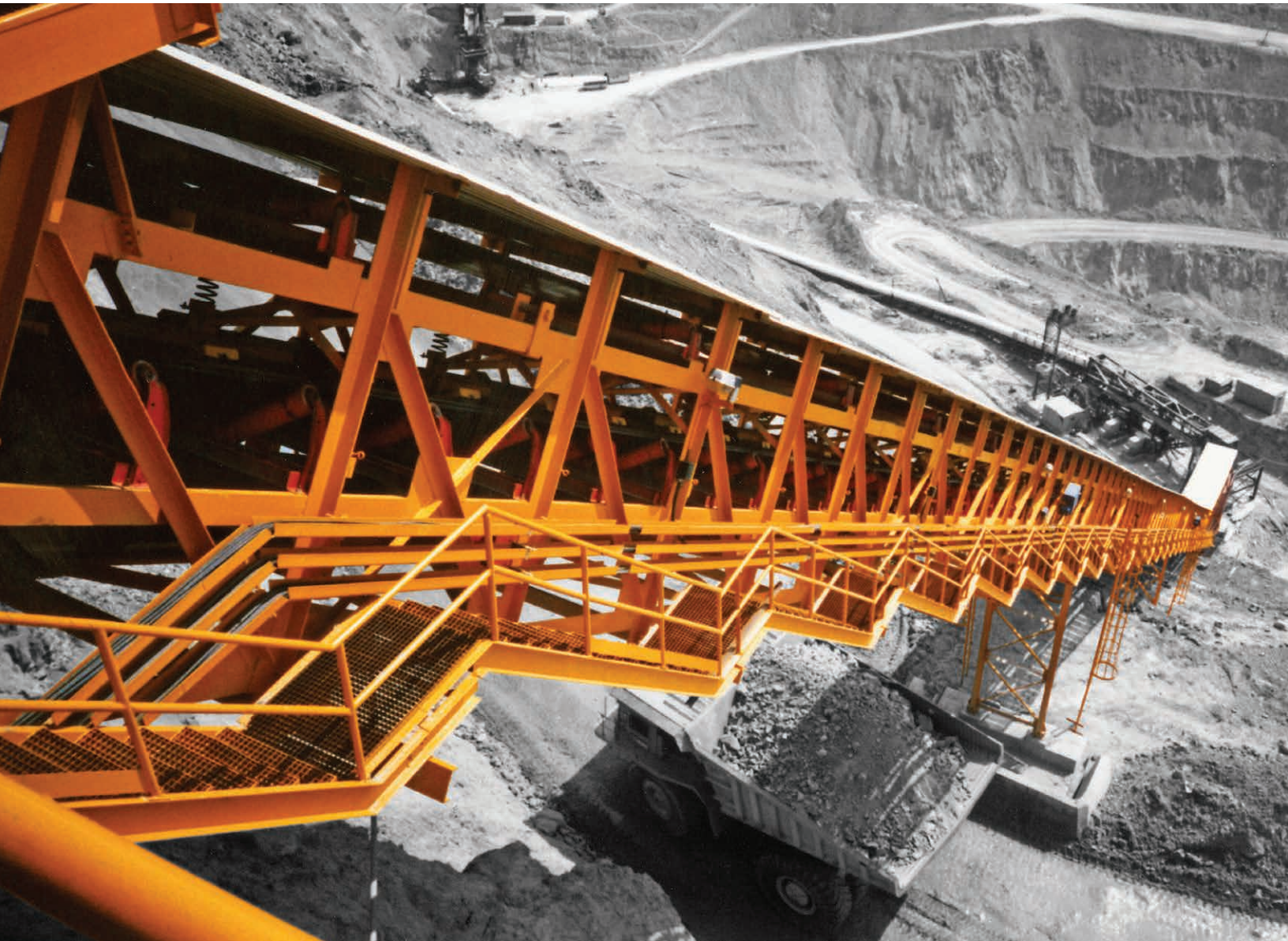


Smart Material Handling

Product overview





Joy feeder breakers and sizers are utilized to process material in the pit. HAC systems elevate material from the pit onto overland conveyors for processing.

Proven, high-capacity high angle conveying in open pit mining

High angle, high volume, high productivity

Since the early 1980's, the HAC system has proven to be a versatile and cost-effective method for elevating 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 and pit applications, conveying a wide range of ores and materials.

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.

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 continuously — 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.



Versatile and cost-effective

Smart material handling systems are available for your specific application to increase truck utilization and efficiency, while maintaining material handling flexibility. A HAC system can convey material at very steep angles, high lifts and capacities over 8,000 MTPH, saving you up to 50% in material handling costs.

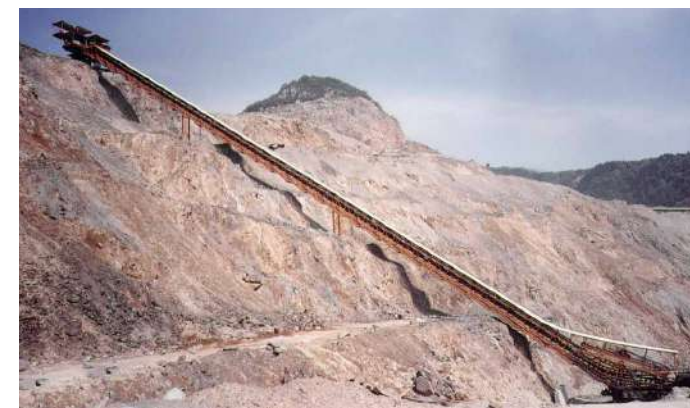
HAC systems accept properly sized material from primary crushers or feeder-breakers. Joy feeder-breakers offer improved mobility, increased flexibility and reduced material handling costs.

When compared to other crushing solutions, Joy feeder breakers offer:

- Lower equipment cost
- Lower installation and relocation cost because the low profile and earthworks hopper reduce or eliminate civil works
- Lower power consumption
- The ability to easily handle typical run-of-mine material
- Multiple mobility options are available



The Smart material handling advantage



As maturing open pit mines become larger and deeper, truck routes out of the pit are increasingly longer. Many operations are realizing that traditional truck haulage may no longer be the most economical option to move materials out of the pit under these challenging conditions. Smart material handling from Joy Global properly sizes material in the pit and conveys it to the surface, allowing for better truck utilization.

Contact your local Joy Global representative for assistance with your specific application.



Joy Global worldwide locations

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