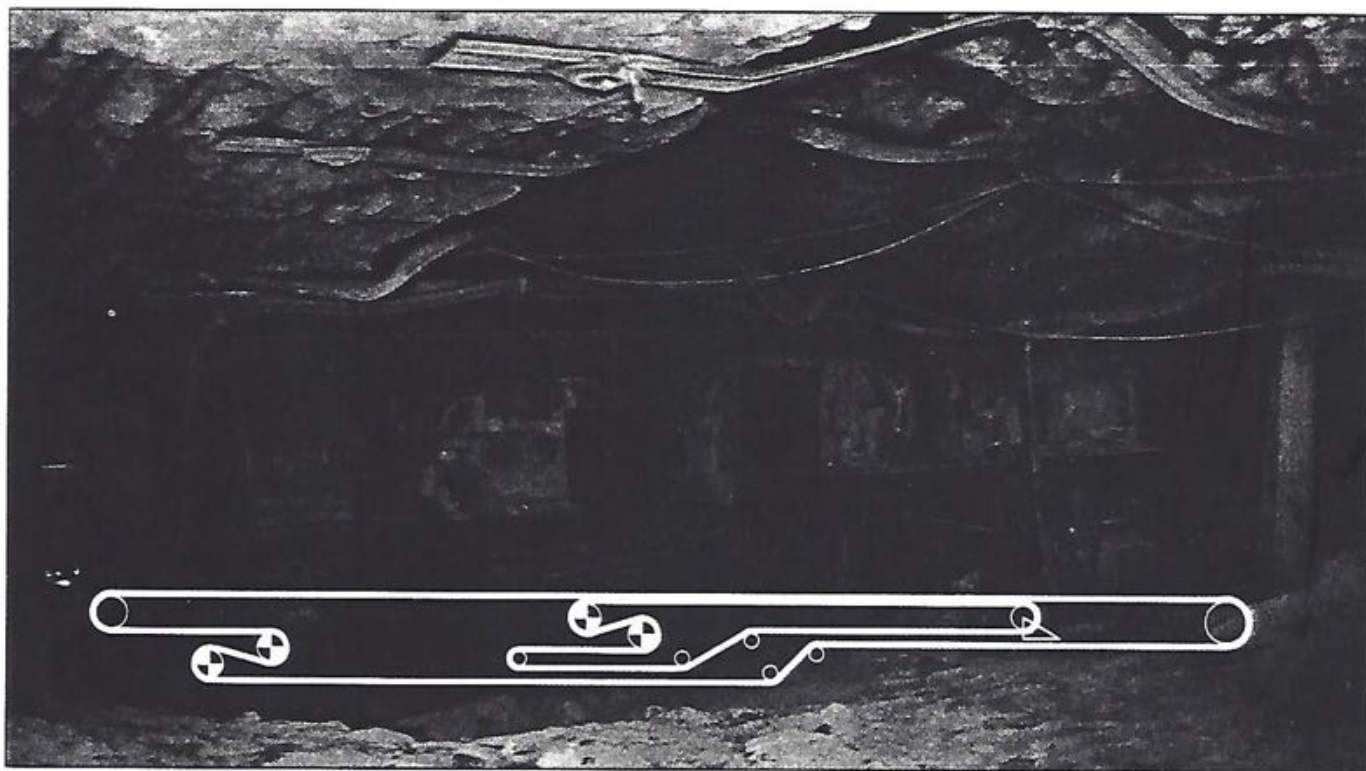


High-capacity mining conveyor problems?

How a linear drive can cut your haulage costs and improve your conveyor's reliability



Linear or "booster" drives are placed under the main belt at strategic points. This unique application of drive power reduces belt tension. The weight of the material presses the top belt against the "booster" belt and the linear drive moves both forward.

By using long-wall techniques, today's mines are going deeper and producing more tons per hour than ever before. Head gate entries are getting longer and longer, and at these distances, conventional drives develop tensions that are not easily handled using standard belt width mechanical fasteners.

The Continental solution? A unique "linear drive" system placed *under* the main conveyor to help move the load and also reduce the stress on the system.

Linear drives eliminate expensive, labor-intensive

transfer points by allowing coal to be carried from the mine face to the discharge point of the head gate conveyor on a single continuous conveyor. (Maintenance costs today for a single transfer point can easily run \$75,000 to \$100,000 per year or more.)

Linear drives also reduce belt tension, which means you can use a medium-rated belt with mechanical fasteners instead of a costly steel-cable belt.

What's more, the use of standard components and multiple redundant drives ensures reliable, trouble-free

operation for minimum down-time. (And down-time is something that is not acceptable when you speak in terms of thousands of dollars per minute.)

At Continental we have 14 years experience in linear drives. For a complete installation list and more information on linear drives, call or write Continental today.



**CONTINENTAL CONVEYOR
& EQUIPMENT COMPANY, INC.**

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