



Company News

## **BEUMER Minerals & Mining: Mobile conveyor bridge for Kinross**

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*Beckum, Germany –*

Mobile conveyor bridges on crawlers conquer the mining fields. With a new project for Kinross Gold Corporation in Chile, BEUMER Minerals & Mining successfully pursues its global expansion of highly efficient, dynamic handling equipment.

By means of a tripper car, the leached gold ore is transferred from the feed belt conveyor to the mobile conveyor bridge which has a center distance of 500 m. The conveyor bridge moves on a total of 9 double crawlers in the direction of the stockpile. On top of the bridge, a tripper car runs and discharges the material systematically line by line using a cross conveyor. This ensures uninterrupted operation with a capacity of 1,000 tph, which results in achievement of a very precise stockpile shape.

The requirements for the ground surface preparation are low due to a special design of the crawler-mounted conveyor bridges. Owing to the new operating principle developed and patented by BEUMER Minerals & Mining GmbH, individual double crawler tracks can easily compensate not only for differences in ground inclination in all directions, but also in height.

The position of the entire mobile conveyor can be adjusted at any time, even in longitudinal direction. The system is insensitive to temperature influences. Furthermore, the stable conveyor belt running is ensured at all times.

The entire system has been designed for easy maintenance. A high level of component unification has been achieved, which allows to minimize the number of spare parts required for individual items, drive units and even complete undercarriages.

The BEUMER Minerals & Mining GmbH scope of supply included project designing, manufacturing, delivery, assembly supervision and commissioning of all mechanical components, electrical systems and control technology.



BEUMER Minerals & Mining Mobile  
Conveyor Bridge on Crawlers  
MSB1000.9. (Picture: ©BEUMER  
Minerals & Mining)

In the picture: BEUMER Minerals & Mining GmbH Mobile Conveyor Bridge on Crawlers MSB1000.9

- centre distance: 500 m
- belt width: 914 mm
- crawler units: 9x2
- material: leached gold ore
- capacity: 1000 t/h
- country: Chile
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## **About us**

BEUMER Minerals & Mining GmbH is an international organization with a proven history as a manufacturer of bulk material handling systems and a heritage dating back to the 19th century. As one of the few global full-service providers, we offer everything required for your bulk material handling needs. We provide cost effective, modern and efficient solutions for various industries working with raw materials from extraction and processing to conveying, loading and storage. BEUMER Minerals & Mining GmbH features the long-time expertise in successful combining of serial manufacturing and uniquely customized equipment, offering not only high-quality engineering but also profound service.