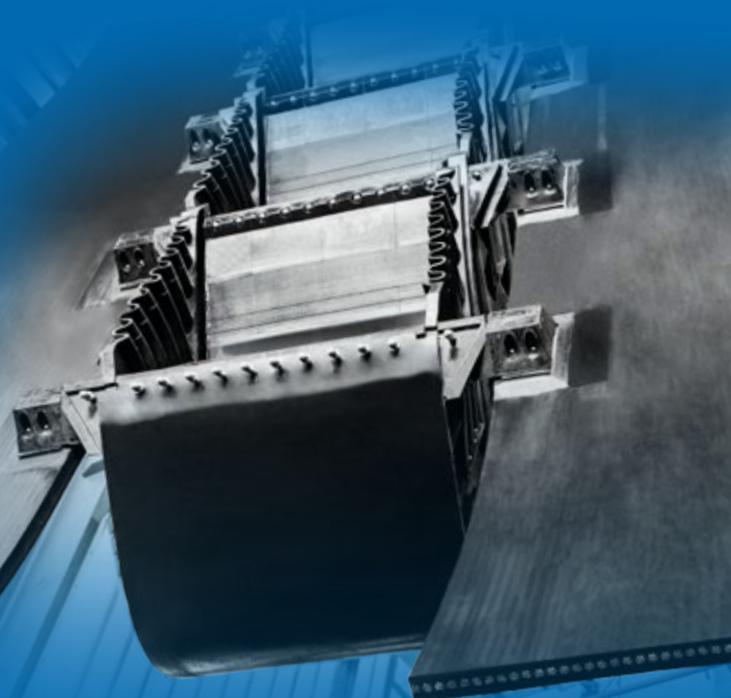




PHOENHOIST®

developed for high end vertical
conveying in underground mines
and the tunneling industry



 **PHOENIX**
Extreme Conveyor Belt Solutions



PHOENOHOIST®

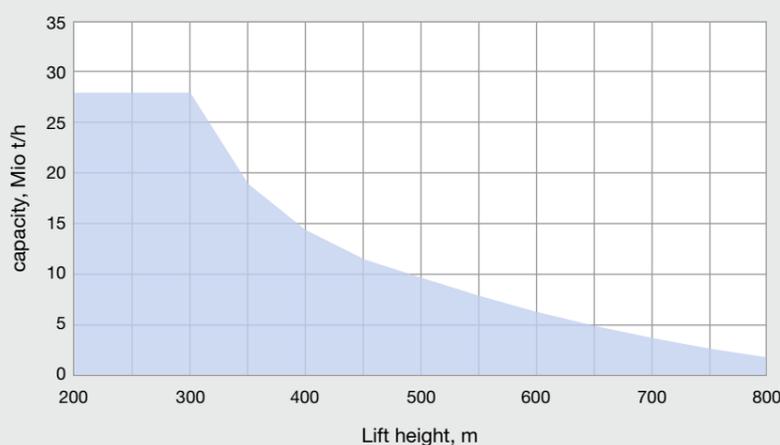
As the holder of almost all world records in the field of conveyor belts PHOENIX Conveyor Belt Systems is now proudly presenting the next product for extreme applications. The newly designed PHOENOHOIST® was developed for high end vertical conveying in underground mines and the tunneling industry.

Technical Advantages of the PHOENOHOIST technology in comparison to the traditional skip hoist system:

- Less power consumption
- Requires less space in the shaft
- No mechanical parts in the shaft
- Easier and faster installation
- Smaller head frame construction
- Lower maintenance cost



Base: 7.200 h yearly production, bulk density 1 t/m³



The belt consists of two PHOENOCORD belt stripes which are connected by strong rubber covered cross traverses. The material is carried by fabric reinforced rubber buckets, which are mounted to the cross traverses. All three components are connected threaded joints which allow quick and easy installation.

As the material lays safe in the rubber buckets, the PHOENOCORD belt stripes are only used to transfer the forces resulting from dead weight and carried material operating weight. Phoenix has always been pioneer in development, construction and supply of highest efficiency conveyor belts.

The main design criteria for the PHOENOHOIST are customer's demands on capacity and lift height. To satisfy all variations of these criterias PHOENIX Conveyor Belt Systems developed a modular system with four different widths of rubber buckets and cross traverses in combination with different types of PHOENOCORD steel cord belts. Belt stripes of course can vary in width and strength.

PHOENOCORD® Performance

- smallest elongation with long conveyor routes
- high breaking strength with highest capacity
- long working life with the lowest need for maintenance
- economical use above and below ground

PHOENOHOIST modular system

rubber bucket width	600	800	1000	1200
cross traverse width	1000	1200	1400	1600
max. capacity m3/h*	1500	2000	2500	3000
belt stripes width	400 - 1100			
nominal belt strength	3150 - 10000 N/mm			

* at a speed of 3 m/s



PHOENIX conveyor belts for all kind of applications – up to the strongest and heaviest belts ever built.

Please contact us for any assistance regarding your conveyor belt requirements.

PHOENIX Conveyor Belt Systems has the most modern testing centre worldwide for developing conveyor belts. Extensive quality tests ensure the technological lead of PHOENIX conveyor belts.

PHOENIX production locations meet the ISO 9001 quality standard and fabricate according to all the nationally relevant quality standards like DIN, SANS, MSHA, RMA, BS, AS, CSA, etc.

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