

**DRIVE
EFFICIENT
INDUSTRIES**



Expertise for design and performance **BeltGenius Conveyor Consulting**

Higher output, longer distances and harsher environments: Overcome modern challenges with reliable and efficient digital mining. The integrated one-stop solution BeltGenius Conveyor Consulting helps you mine the knowledge of our experts to upgrade your material transport. Optimize the design of new belt conveyors, quickly troubleshoot issues around the world, and ensure more cost-effective operations.

Voith: experience and expertise from a single source

Voith is a leading manufacturer of key belt conveyor components and provides a range of dedicated tools to upgrade your operations. We not only offer holistic expertise of the complete drive system, pulleys and more, we are also your one-stop shop for optimum belt conveyor design and swift resolution of any issues.

Planning and design

Simulation optimizes new belt conveyors

Expert simulation and analysis ensure the best possible design of new belt conveyors. Drawing on Voith's outstanding expertise as well as its range of sophisticated and proven tools, this comprehensive concept encompasses all aspects of the conveyor system on site.

- Exclusive proprietary simulation tools
- Backed up by field installations and academic research
- Accurate modeling of all drive system types
- Best-in-class component definition for design

Troubleshooting and root cause analysis

Fast resolution of operational issues

Problem-solving must be quick and targeted. Expert support boosts performance and efficiency by saving precious hours that could otherwise be lost to downtime. This dynamic solution helps you manage expanded mining operations with confidence.

- Direct line to Voith experts for speedy response
- Cut costs of interrupted operation and service callouts
- Holistic troubleshooting for belt conveyor, drive system and controls

Delivering measurable improvement of up to:



0 %
spillage



6 years
longer component life



20 %
less counterweight travel



15 %
higher production



20 %
lower belt tension



20 %
lower energy consumption

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