

Sempertrans – first-rate supplier of conveyor belts to the bulk industry

Innovation, experience and know-how have made Sempertrans one of the world's foremost suppliers, offering a broad selection of technologically advanced conveyor belts for applications in the mining, cement and steel industries as well as for other applications such as ports, power and heating plants, quarries and the chemical industry. Ranging from heavy duty textile to high strength steel cord belts, Sempertrans' products stand out for their high reliability and long service life. To reach the highest quality standards, the company engages in all processes of manufacturing a conveyor belt, from creating its own belt design to mixing its own compounds and producing its own steel cords — ensuring total control over the technical construction and properties of the belts.

With headquarters in Vienna, Austria and production facilities in Poland and India, Sempertrans supplies tailored conveyor belts to customers who demand both high-performance and economical transport of raw materials and other goods. Besides the supply of high quality belts, Sempertrans offers critical support at

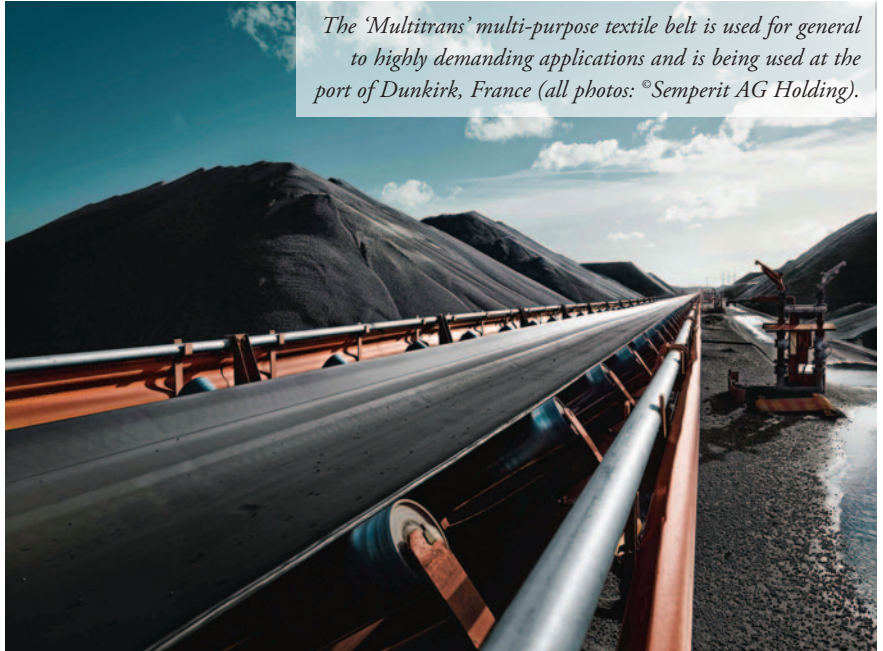
all project stages. Its Global Application Engineering Teams and Field Service Teams provide customers with excellent consulting services such as the design and configuration of conveyor belts in order to optimize the effectiveness of the entire production plant as well as the installation, splicing, splicing supervision and maintenance by its own experts and partners.

ABOUT SEMPERTRANS

Sempertrans is part of Semperit group, a reliable partner and an internationally active company since 1824. Semperit group has been combining experience and competence to improve the performance of both customers and partners.

For more than 50 years, Sempertrans has been manufacturing high-quality steel cord and textile conveyor belts which are

The 'Multitrans' multi-purpose textile belt is used for general to highly demanding applications and is being used at the port of Dunkirk, France (all photos: © Semperit AG Holding).



used to transport dry bulk material, like coal, iron ore, cement, sand and gravel, grain but also chemical products, in the mining, steel, cement industry, at ports, but also in other applications like power and heating plants.

Sempertrans supplies tailored conveyor belts which maximize safety, efficiency and lifetime of every operation. Its product range is known for strength, impact and wear resistance and long service life, carrying materials reliably and efficiently. Sempertrans offers a wide range of conveyor belts, as well as tailored solutions for special conveying tasks.

Not only does Sempertrans support customers in terms of manufacturing, installation and maintenance, its Global Application Engineering team includes dedicated conveyor belt experts to provide customized consulting services such as the design and configuration of conveyor belts in order to optimize the effectiveness of its customer's business operations.

Sempertrans places the utmost importance on the quality of its products and services. It engages in all processes of manufacturing a conveyor belt, from creating its own belt design to mixing its own compounds and producing its own steel cords — ensuring total control over the technical construction and properties of our belts.

BELTS THAT DO TOUGH JOBS

Part of the Sempertrans product range are Transdura — Sempertrans' anti-abrasive cover range — the preferred choice to combat heavy wear and tear, cuts and gouges. Sempertrans has also developed a range of specifically adapted covers that go beyond ISO or DIN standards. D50 is the hard rock cover, designed for mining abrasive materials. It's the right fit for



The flying belt 'Metaltrans' is a special metal belt with a unique steel carcass construction for enhanced impact and tear resistance — in operation at Barroso, Brazil.

highly abrasive ores, maximizing the lifetime of belts. The company's newly developed Supreme+ cut- and gouge-resistant cover has a 20% higher impact resistance compared to standard covers while maintaining an excellent abrasion resistance.

Sempertrans is a renowned provider of heavy-duty steel and textile cord belts:

- ❖ a major supplier of high quality conveyor belts with textile or steel carcasses;
- ❖ two production plants in Poland and India; and
- ❖ main areas of application: mining, cement, steel, bulk material, harbours.

AT A GLANCE

- ❖ one of the foremost conveyor belt plants worldwide in terms of know-how, quality and technology;
- ❖ production of steel cord belts up to the width of 3.2m and breaking strength of 8,000N/mm;
- ❖ production of textile belts up to the

width of 3.2m and breaking strength of 3,500N/mm;

- ❖ in-house production of steel cords, thus ensuring individualized solutions and short delivery times with high flexibility;
- ❖ own integrated R&D centre; and
- ❖ in-house mixing and compound development for Sempertrans and other Semperit companies.

SCOPE

- ❖ development, production and supply of heavy duty conveyor belts for mining and industrial applications;
- ❖ both textile and steel cable reinforced conveyor belts;
- ❖ additional supply of splicing kits and splicing material for installation of its belts; and
- ❖ additional technical consulting, supervision, inspection and training (related to its products).

APPLICATIONS

- ❖ bulk material handling for mining and industrial applications, for example;
- ❖ lignite and coal;
- ❖ copper;
- ❖ iron ore;
- ❖ phosphate;
- ❖ nickel;
- ❖ gold;
- ❖ fertilizer;
- ❖ cement;
- ❖ steel mills;
- ❖ aggregates;
- ❖ tunneling; and
- ❖ ports.

MAJOR CUSTOMERS INCLUDE:

- ❖ global, national and regional mining groups;
- ❖ cement companies;



The flying belt 'Metaltrans' in Barroso, Brazil.



'Sempercord' belts ensure reliable transport at the highest capacities, seen here in Chile.

- ❖ steel producers;
- ❖ ports (bulk handling terminals);
- ❖ aggregates producers (sand, gravel); and
- ❖ EPCMs.

STAYING COMPETITIVE IN A TIGHT MARKET

Sempertrans strives to remain competitive, and it does so through:

- ❖ constant improvement of products (compounds, construction, reinforcement materials) and processes;
- ❖ in order to improve lifetime of the product, cost-performance ratio and wear resistance;
- ❖ constant process of adapting its products to customer needs (by tailoring solutions);
- ❖ adding value to products by offering solutions (e.g. consulting, suggesting better performing products, rip detection and condition monitoring systems etc); and
- ❖ focus on innovation and R&D in order to come up with new and improved solutions.

RECENT CONTRACTS

Sempertrans recently has won contracts for EPCM projects such as:

- ❖ Minera Panama project (FQM)
- ❖ Oyu Tolgoi (Rio Tinto)
- ❖ Kennecott copper (Rio Tinto)
- ❖ Quellaveco (Anglo American)

RECENT TECHNOLOGICAL DEVELOPMENTS

- ❖ setting up of Transevo range —

Sempertrans has the largest range of Transevo cover compounds in the market; and

- ❖ range of specially designed cover compounds that lead to a reduction in energy consumption for overland conveyors by reducing indentation rolling resistance.

SEMPERTRANS APPROACH SERVICE-ORIENTED FOCUS

Sempertrans has a strong focus on service, and therefore prioritizes the following aspects of its operations:

APPLICATION ENGINEERING

Technical expertise to optimally identify the needs of the customer, and provide custom design recommendations far in advance of production process

WORLDWIDE PARTNERS

Sempertrans services as a total solutions provider via international network of local distributors and service partners to support customers in all markets and environments

INSTALLATION, SPlicing & MAINTENANCE

Supporting customers worldwide with extensive know-how to help keep their conveyors up-and-running with maximum efficiency.

DIAGNOSTICS & TRAINING

Identify performance issues and recommended improvement solutions, and train staff for quicker on-site operation

INNOVATIONS

Sempertrans' solutions are: technologically advanced and highly reliable; developed and improved continuously by R&D; and protected by special cover compounds.

PRODUCT QUALITY

Sempertrans' solutions are all in line with international standards: ISO 9001 certification, and submitted to ongoing inspections, and lab and rig tests.

GLOBAL REACH

Sempertrans' solutions are: produced in two strategic locations; and provided by a global network of specialists who attend to customers wherever they are.

ENGINEERING KNOW-HOW

All solutions are customized to customers' specific needs, and optimized to enhance conveyor systems' operations.

SERVICE-ORIENTED

Sempertrans' solutions are part of diligent project development and follow-up, and handled by expert training, installation and maintenance personnel.



'Sempercord' in Chile.