



germanBelt Group

We support your performance

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Company History

and a few important milestones

germanBelt Systems GmbH & Co. KG was founded in the year 2000 by Holger Dieffendahl, Uwe Hickmann and Axel Zepezauer, its managing shareholders. The four sites at Bad Blankenburg, Berlin, Cottbus and Halle/Leipzig being taken over from the Continental Group within the framework of a management-buy-out (MBO), operative business commenced on 01 July 2001. Today, the company operates under a new name: germanBelt Systems GmbH, and is part of the successful germanBelt Group.

- **2001** Start of operative business
- **2002** Takeover of five branches of Transband Fördertechnik GmbH/Karlsruhe
- **2005** Extensive modernization and development at the site in Halle/Leipzig
- **2009** Foundation of germanBelt Steel GmbH and germanBelt GmbH; germanBelt invests in a new manufacturing shop in Halle/Leipzig; Modernization of the company-owned materials testing laboratory
- **2010** Group headquarters newly built; germanBelt adopts new corporate structure; SCC* service certification for germanBelt Systems GmbH
- **2011** Extensive investment in further brands and trademarks; Product diversification: i.e. germanGrip®, germanBond®, germanLine®, germanShock® and germanWell® etc.
- **2013** DIN EN ISO 9001:2008 certification of production and sales for the germanBelt GmbH
- **2014** Merging of the operative company germanBelt Steel GmbH into the germanBelt Systems GmbH
- **2015** Foundation of germanBelt Shanghai-China and establishing of a new service branch in Austria
- **Today:** Approximately 100 employees; 8 sites with altogether ca. 20,000 m² in production and storage area



Environmental protection as well as health and safety in the interests of all employees and our customers - certified by TÜV Nord - our Safety Management System for our services for germanBelt Systems GmbH.



Certified QM system for germanBelt GmbH for the manufacturing and sale of rubber or plastic products for material handling equipment.

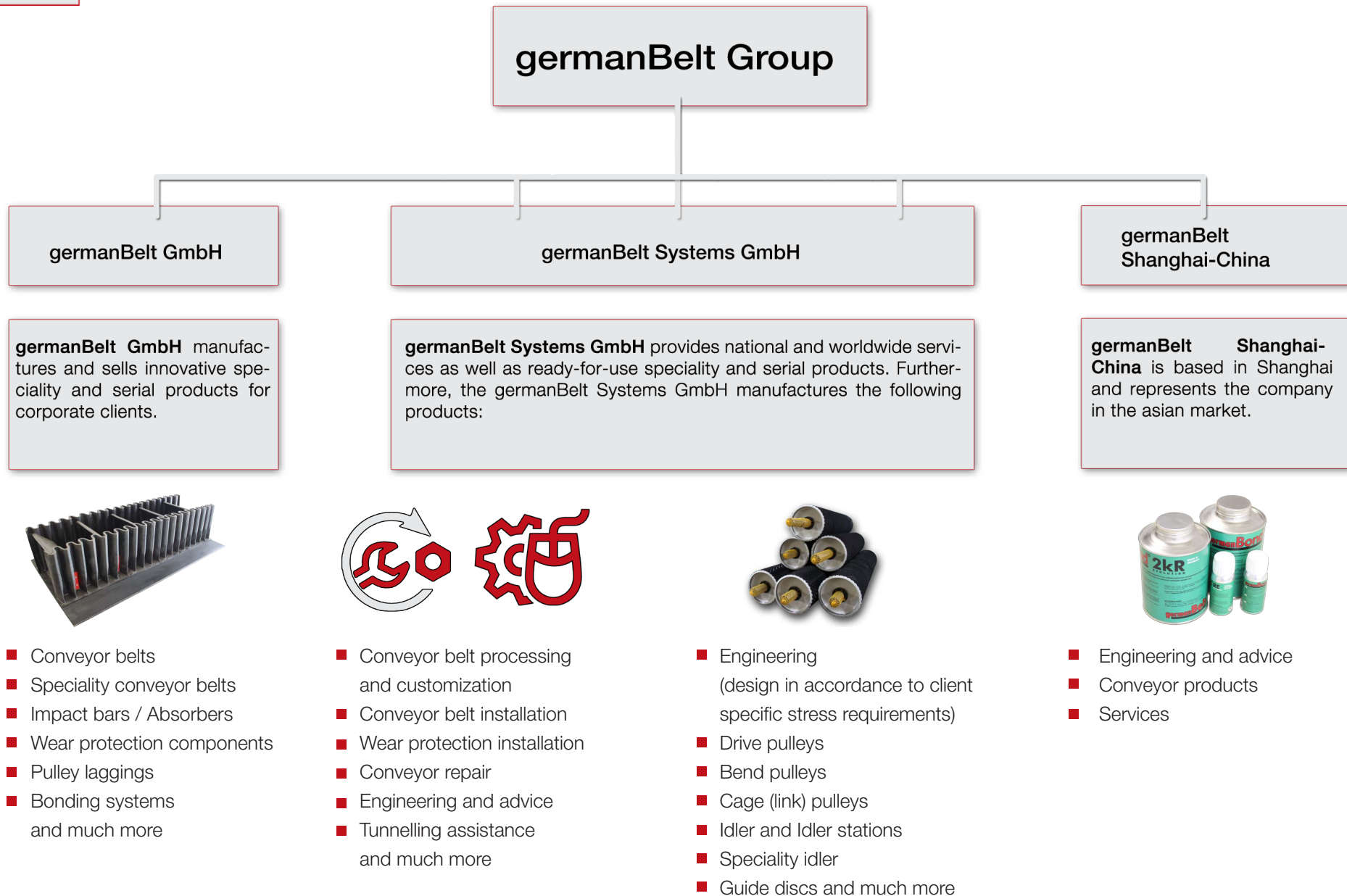




Illustration: Group's headquarter in Bad Blankenburg, Germany

Quality Assurance

Based on decades of experience in developing and manufacturing conveyor belts and equipment for conveyor systems, our products are designed in a manner that satisfies any client's high quality and performance requirements. Beginning with expert advice and professional planning, germanBelt products include standard and special conveyor belts. A comprehensive range of service materials for improving your conveyor belt system's efficiency completes our list of products. The germanBelt Group runs their own material testing laboratory in order to ensure continuously high quality of their products.

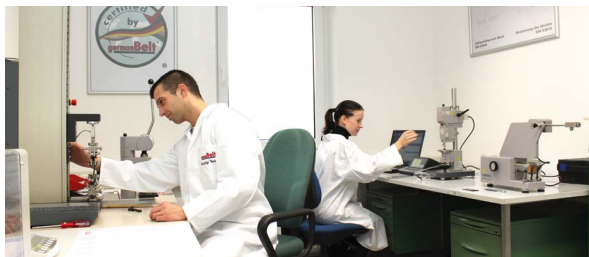


Illustration: germanBelt's laboratory in Halle/Leipzig



Central Production and Warehousing on more than 2,600 m²

Extensive central storage and optimised production ensures availability of spare parts without any delay. Our second plant with state-of-the-art equipment at our location in Halle/Leipzig is manufacturing serial and special products required in material handling and wear protection technology. The germanBelt Group has launched new production lines to manufacture qualitatively improved and more cost efficient in order to provide customers with even speedier services.

Belts for Conveyor Belt Systems

Belts by germanBelt® make a considerable contribution to the production, processing and distribution of raw materials all over the world. Belts are the defining element of conveyor belt systems and are used for transporting materials in all industries. Regardless of the material they transport – there is always one optimally suitable belt whatever the technological challenge. Many decades of experience, state of the art production plants and close cooperation with renowned partners enable germanBelt to provide highly advanced products and targeted solutions for your specific requirements including both standard as well as speciality conveyor belts. (Please take a look in our [germanBelt® general brochure for conveyor belts](#))

Fabric belts ||

Applications

Stone quarries
Sand quarries
Gravel quarries
Cement factories
Power plants
Foundries and Silos
Salt mines i.a.

Steel Cord Belts ||

Applications

Underground mining
Open-pit mining
Steel plants
Power plants
Stone quarries
Tunnelling
Ports

Chevron Belts ||

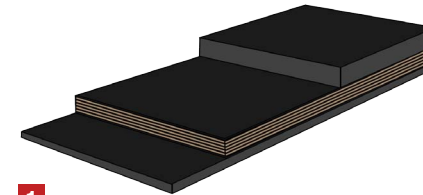
Applications

Used to transport material at steep angles of more than 20°. In contrast to smooth fabric belts, chevron belts are equipped with cleat profiles with heights of 17 mm and 35 mm.

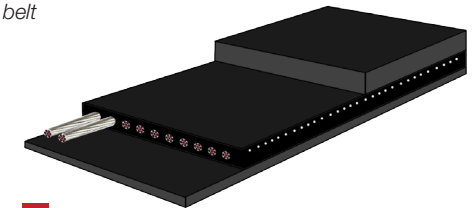
Sidewall Belts ||

Applications

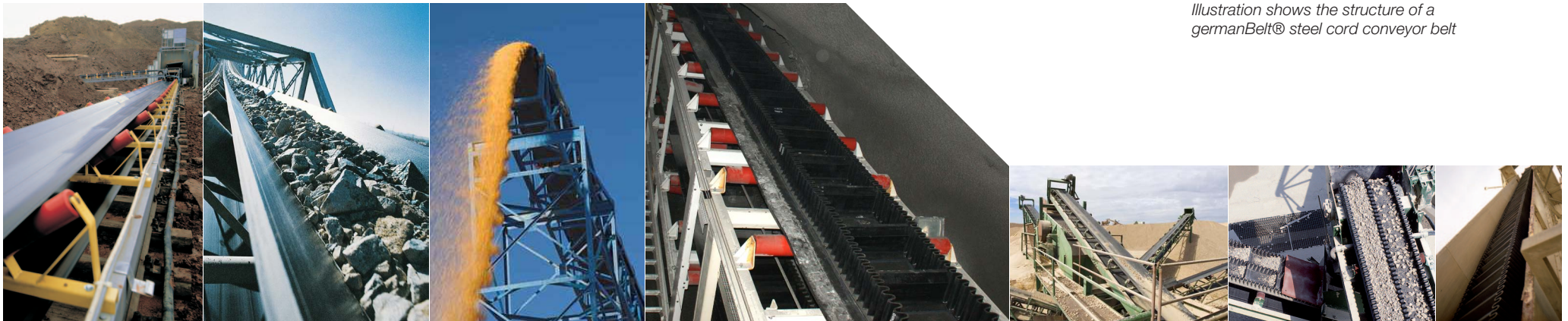
germanWell® corrugated sidewall belts offer high quality and durable solutions where bulk materials have to be transported vertically



1 Illustration shows the structure of a germanBelt® fabric conveyor belt



2 Illustration shows the structure of a germanBelt® steel cord conveyor belt



Production of germanWell® - Corrugated Sidewall belts

in our facilities in Halle/Leipzig, Germany

#1 germanWell® corrugated sidewall belts consist of a laterally stable germanCross basic belt and corrugated sidewalls, and cleats. The sidewalls are attached to both sides of the germanCross basic belt along the direction of travel.



#2 germanWell® belts are individualized by using corrugated sidewall profiles of heights from 40 mm to up to 300 mm and cleats of heights from 20 mm to up to 280 mm. This means that germanWell® corrugated sidewall belts can be made to fit any individual case.



#3 The quality and lifespan of a corrugated sidewall belt depend on the stability of the connection between the components and the basic belt. Our germanBond® product line's high performance adhesives and our way of manufacturing in state of the art manufacturing plants where we use automation and machine precision for installing the components can ensure the necessary stability of the connections.

#4 By producing sensitive components, corrugated sidewalls from 40 mm to up to 300 mm and cleats from 20 mm to up to 280 mm in height ourselves we are able to ensure that germanWell® corrugated sidewall belts are of continuously high quality.

Impressions on our germanWell® - Corrugated Sidewall belts

Manufactured in Germany



Bonding Systems

The germanBond® line with its particularly high quality and innovative products represents the most recent developments in the field of two-component industrial adhesives. Our products provide the best possible solution for splicing rubber and/or plastic materials or for combining them with metal.

- **RELIABLE, STRONG BONDS**
- **EASY TO USE**
- **HIGH STANDARD OF QUALITY**
- **OPTIMIZED CONTACT BONDING**



Repair Materials

If a conveyor belt's surface has been damaged or even penetrated, our cold repair materials will help you to put it right. For appropriate and correct cold repair of belt damages, we recommend using high quality germanBond® strong performance adhesives.

Pulley Laggings

Our germanGrip® product line includes both rubber and ceramic laggings for minimizing wear and tear on pulleys. Our materials achieve a significant increase of the coefficient of friction between belt and pulley. This also prevents the belt even in extremely difficult conditions from slipping and has a positive effect on the belt's and the pulley bearings' lifespan.

- **EXTREME GRIP**
- **INCREASED FRICTION**
- **FIRST-CLASS STATE**
- **HIGH PERSISTENCE**



Impact Bars

germanShock® IP impact bars are used at in-feed and replace the conventional buffer rollers. They absorb the high impact energy of dropping bulk material, thus reducing damage to the belt as well as stress to the entire structure. Combination with our germanLine® skirting rubber additionally provides effective side sealing at in-feed. For easy installation of germanShock® IP impact bars, aluminium fastening profiles have been vulcanized into the wear protection components achieving super-strong rubber-metal bonding with particular installation benefits. Using our germanShock® IP B fastening elements, the wear protection elements can be installed with very low effort.

- **HIGH WEAR RESISTANCE**
- **OPTIMUM RESILIENCE**
- **QUICK AND EASY INSTALLATION**
- **NOISE AND COST REDUCTION**



Wear Protection Materials

In order to reduce wear, limit noise emission and, all in all, to optimize your conveyor system's efficiency we offer a variety of diverse wear protection rubbers. Our germanLine® wear protection rubbers help, for instance, to prevent caking and protect surfaces against corrosion. Our wear protection rubbers undergo continuous lab testing, we thus ensure the best possible and a continuously high quality.

- **EXTREM WEAR RESILIENCE**
- **OPTIMUM SURFACE PROTECTION**
- **EASY AND QUICK APPLICATION**
- **IMPROVED PERFORMANCE**



For further information

on our products and their specifications, take a look on our website or get in touch with us or one of our certified distributors.

Pulleys

Drive pulleys || Bend pulleys || Cage (link) pulleys || Shaker pulleys || Snub pulleys

Our wide range of components for material handling equipment includes all kinds of pulleys and idler.

In serial production:

- Up to diameters of 610 mm
- Up to axis lengths of 4,000 mm

Everything beyond these dimensions is deemed speciality-made and manufactured.



Idler

Ober- und Unterbandrollen gemäß DIN || Tragrollenstationen || Stütz- und Pufferringe

Diameter of 51 mm up to 159 mm

Axis lengths up to 1,632 mm

Includes

- Precision idler tube || Grease chamber
- Multiple labyrinth || Precision groove ball bearing
- Dust cover || Rain cover



Speciality Products and Components

Guide discs || Drive shafts || Clamping sets || Special idler

Highlight:

Guide discs feature a wear-resistant rubber component for a dampening effect, providing extremely gentle directional control.

- Precision axis || Clamping sets
- High quality low-maintenance bearings



Production

in our production plant in Cottbus, Germany

#1 As specialist for conveyor belt pulleys, germanBelt Steel GmbH sets the highest priority on quality, functionality and timely delivery.



#2 On the basis of our technicians' wide experience we process and plan client-specific enquiries in relation to pulleys in the shortest of time. We manufacture pulleys in single-piece or serial production fast and at an attractive price.



#3 In manufacturing our quality products for belt conveyor systems we only use high quality semi-finished and finished products. Proper processing and accurate design are for us a matter of course.



#4 Essential accessories such as the reliable germanGrip® pulley laggings or the innovative germanBond® high performance adhesives ensure your system's longevity and optimal friction coefficients in diverse applications.

Worldwide Installation Services

Our experienced specialists have comprehensive knowledge of how to install conveyor belt systems of any kind. We are working on materials handling sites worldwide and are tackling individual challenges and complex tasks every day such as in conveyor belt installations and splittings for any type of belt, belt repair on fabric belts, chevron belts or plastic belts. Our germanBelt service teams rely on efficient mobile and self-supporting operating equipment. Experience and equipment guarantee the speedy and faultless installation, start-up and operation of your conveyor belt systems.



- Engineering and advice

- Assignment of supervisor(s)

- Instruction and training courses



- Belt installation and wear protection installation

- International emergency stand-by and emergency service

- Permanent monitoring and maintenance of conveyor belt systems

- Repair of conveyor belt systems

- Mobile self-supporting workshop units

Competent partners & optimal connections

Our sites are staffed with excellently trained and motivated service teams, which are available all around the clock. We meet your tasks and challenges with high expertise - to the technical and economic optimum. Only enduring endless connections ensure that conveyor belts can operate reliably over a long time.

Efficient operational assistance

For efficient assistance and smooth operations, continuous maintenance of belts and components is clearly indispensable. Besides conventional and scheduled measures such as re-splicing, it is recommended to repair any damage as quickly as possible to prevent it becoming the cause of even more or more serious problems. For many years, the germanBelt Group strives to increase the reliability of their clients' belt conveyor systems in order to maximize their profitability and to reduce down-times to a minimum. We enable you to operate your conveyor belts smoothly and at better running times. **Individual and flexible services for your success.**



San Luis, Ecuador



Saalfelden, Austria



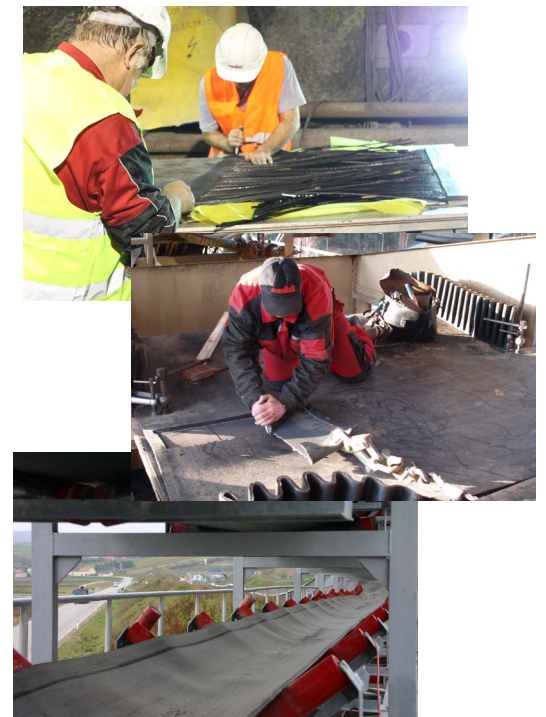
Modane, France



Vienna, Austria

Service-locations Germany and Austria

germanBelt – your system provider for comprehensive services all around installation, operation, maintenance and repair of belt conveyor systems. From advice and planning to the implementation of national or international belt installations, repairs, splicing or wear protection, germanBelt Group offers you perfect conveyor belt services. Supported by germanBelt quality products and permanent product monitoring by our own independent material testing laboratory, we provide you with continuously good quality at a very high standard. Our service teams for conveyor belt maintenance are at your disposal all around the clock. Excellently trained and motivated, we meet your tasks and challenges.

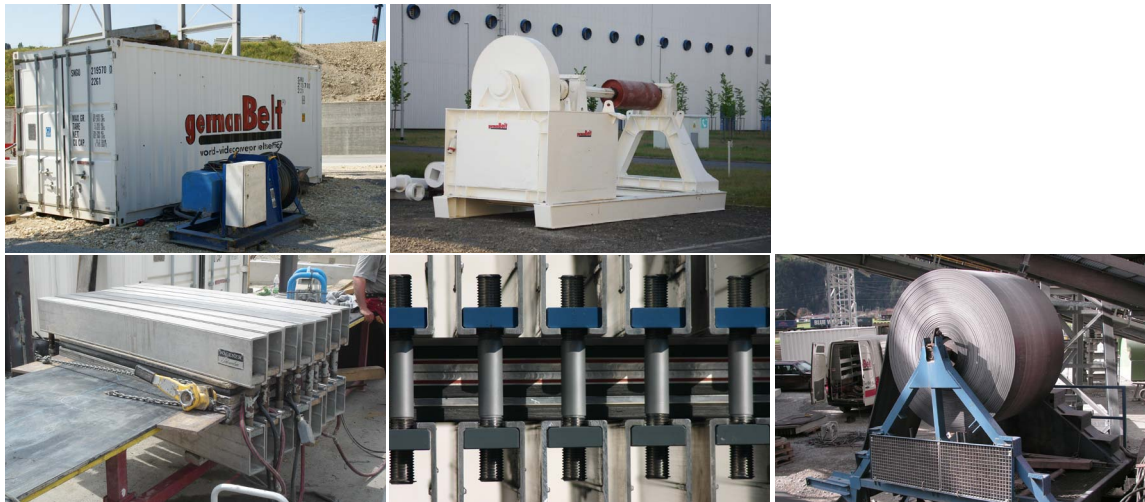
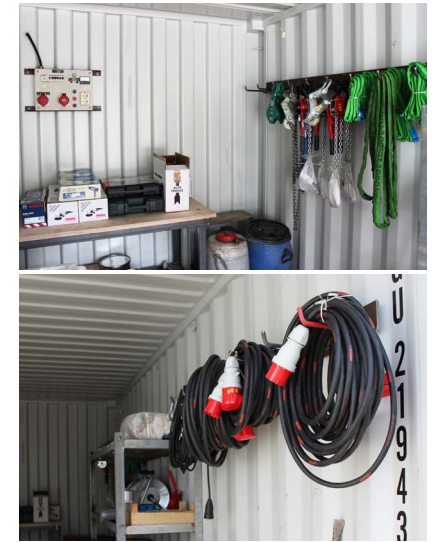


Installing Equipment

Our sites are staffed with excellently trained and motivated service teams, which are available all around the clock. We meet your tasks and challenges with high expertise - to the technical and economic optimum. We of course use state of the art vulcanization technology. We have a large number of stationary and mobile vulcanising presses to optimally join and splice fabric, steel cord and plastic belts of up to a width of 2,250 mm. Only durable endless connections ensure that conveyor belts can operate reliably over a long time.

Amongst other things our self-supporting mobile workshops are equipped with:

- EMU-Liquid-Vulcanising Press, liquid-cooled, up to belt width B=2,250 mm
- Generator up to 150 kVA
- Winches up to 100 kN
- Belt winders up to B=3,200 mm
- Winding machines up to 150,000 Nm



Occupational health and safety and environmental protection management system

For germanBelt, occupational health and safety form an inseparable whole and are the basis of our company's success. Our health and safety and environmental protection policy form a code of conduct binding to all members of staff and guiding us in acting safety-conscious, client-oriented and responsibly. The reputation of our company is measured in terms of client satisfaction and is **proven by our SCC* certification.** ||





germanBelt®

germanBelt Group

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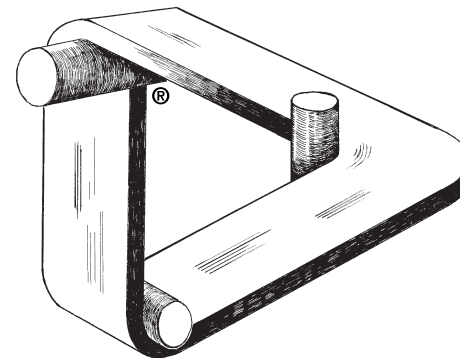
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germanBelt ... beyond expectations