

ContiTech: High-tech Solutions Made of Rubber and Plastic for the Construction Industry

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Las Vegas, Nevada, March 2014. Just as the industry worldwide is extremely diverse, so too are ContiTech product solutions for industrial customers. A supplier of technical elastomer products and a specialist in plastics technology, ContiTech provides customers in the construction industry, for example, with customized high-tech solutions. Whether air springs, conveyor belts, printing blankets and plates, technical materials and membranes, hoses and hose lines, drive belts, or bearing components and systems, all of the company's business units work together on a global level. This enables them to bring together the company's wide-ranging expertise and take advantage of synergy effects. This exchange of knowledge and technologies forms the basis for future-oriented products that make for both progress and sustainable management.

Extensive materials expertise

It is the versatility of rubber that makes this diversity possible. Whether they are flexible, thermally stable, abrasion-resistant, or eco-friendly, ContiTech's product solutions are characterized by their high level of reliability even under the toughest conditions. The basis for this is the company's wide-ranging materials expertise, which it is continuously expanding through research and development projects. Every business unit has been certified in accordance with the relevant quality standards. Demanding test procedures guarantee a high degree of product safety.

Air springs and air actuators are used in various industrial applications. Three product groups offer suitable solutions here. Air actuators are used as pneumatic lifting and press cylinders for difficult tasks in machine and plant engineering. Air spring systems are used as bearings for heavy systems to dampen vibrations. Flexible compensators are used as pipe connection elements in a wide range of applications with different liquid media.

Selecting the optimum **conveyor belts** is a major factor in transporting bulk material reliably, cost-effectively, and in an eco-friendly manner. ContiTech is an expert partner for conveyor belts. It provides not only the belts, but plant accessories and service materials. It also acts as a consultant for conveyor projects and work out calculations for the right belt. It can even design complete conveyor systems. Whether a customer needs energy-saving belts, solutions for closed or steep and vertical conveyance of goods, belts resistant to heat, oil and grease, or systems to monitor the entire conveyor setup, ContiTech's product portfolio carries the right

answer.

ContiTech also manufactures **elastomer-based printing blankets and plates, technical materials, industrial products, and membranes** for a wide range of industrial applications. Whether printing machines, industrial and rail vehicles, protective suits, gas storage facilities, fuel tanks, or building technology, products from the Elastomer Coatings business unit can be found in many industries, where they provide a high degree of service reliability. The versatile Conti[®] Thermo-Protect insulation material is just one example of diverse new developments.

ContiTech products also include fluid solutions for numerous industries – **from hose components right up to complex line systems**. These include hoses and lines for construction and agricultural machinery, for industrial trucks, and for compressors. ContiTech conveys all media flows (fuel, oil, air, water, gas, or carbamide) both in the high-pressure as well as the low-pressure range. Robust industrial hoses are just right for the grueling service conditions on construction sites. They are characterized by high functionality and a long service life and can be used with all the usual blast-cleaning abrasives available on the market as well as with cement and concrete.

Modern drive technologies for original equipment and the replacement business are used, for example, in textile machines, tool machining, compressors, elevators, robots, mills, cement and steel factories, mechanical engineering, and chemical companies. The products include raw-edge and wrapped V-belts, banded V-belts and variable-speed belts, timing belts made of rubber and polyurethane – endless or sold by the meter – and multiple V-ribbed belts.

For the **vibration-insulation and noise-optimization** of machines and plants, ContiTech offers a very wide range of solutions. These extend from technical design right up to coordination of the individual system components. The company's high-quality components and systems are used in vehicles such as tractors, excavators, or fork-lift trucks, in general mechanical engineering or in ocean liners or wind power stations. The product range also includes molded rubber parts. These are also offered in large-volume designs.

Information about ContiTech's activities in the industrial sector can be found in the brochure "Rubber and Plastics Technology. Global Industrial Competence." It can be ordered at www.contitech.de/mediaservice under publication number WT 8591 and is currently available in German, English, and Chinese. The brochure will soon appear in French, Spanish, Portuguese, and Russian as well. Further information about ContiTech's industrial expertise is available at www.contitech.de

Source: ContiTech AG; Conveyor Belt Group