

Industry – Agriculture – Mechanical Engineering

Systematic conveying and sorting solutions



ARTEMIS

Kautschuk und Kunststoff

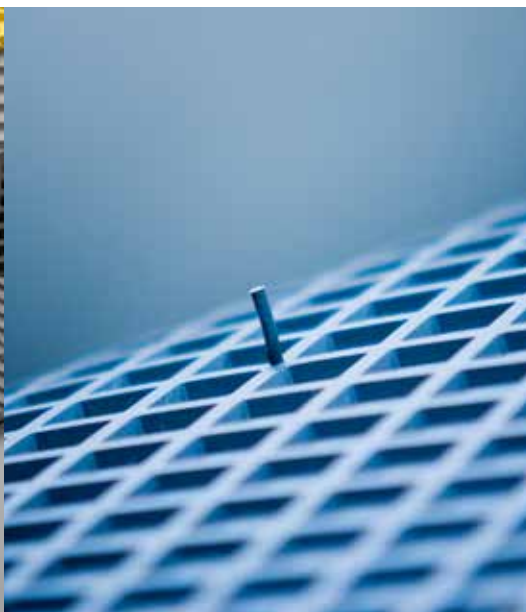
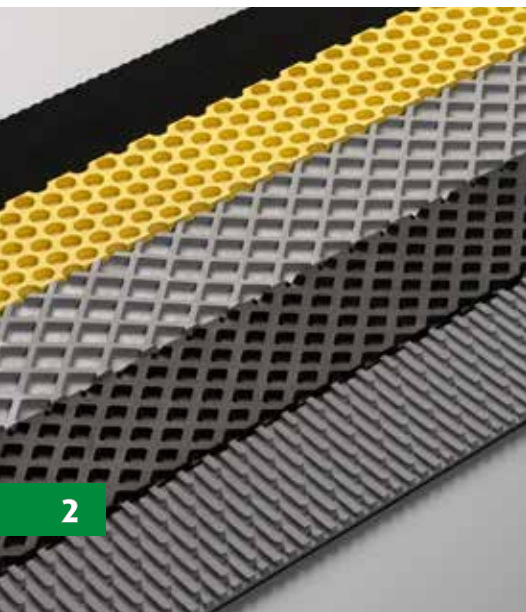


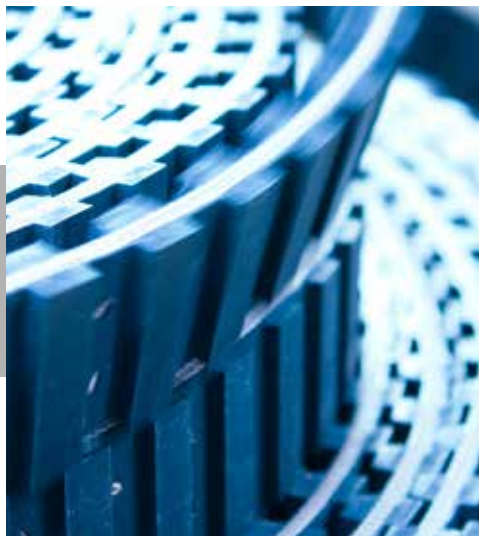
ARTEMIS – a household name for decades in the field of conveyor belt and agricultural technology, wherever things are moved.

Artemis develops and produces complete solutions tailored to customer requirements combining different kinds of materials such as rubber, plastic, fabric and metal. State-of-the-art technology ensures high reliability for all our products – from belts to drive rollers, carrier rollers and return rollers. Our development competence is demonstrated by more than 150 patents.

The owner-managed Arnold Jäger Holding comprises innovative production and trading companies that complement one another. Our aim is to provide our customers with durable and economically produced quality products that are supplied on time. Our customers know that they can rely on us.

From single part production to series production – cost-effective production equipment is available for every batch size.





Feed belting for wide-belt wood sanding machines

Artemis always has the right product – for everything from crafts applications to extremely high loads in three shift operation in the furniture industry. Low manufacturing tolerances in the production of our products guarantee excellent sanding results. Widths of up to 2600 mm can be easily realised. If wider belts are required we will be pleased to work out specific solutions with you. Friction layers made of extremely abrasion-resistant material and low-elongation reinforcing fabric combined with high quality compounds guarantee a high and constant product quality.

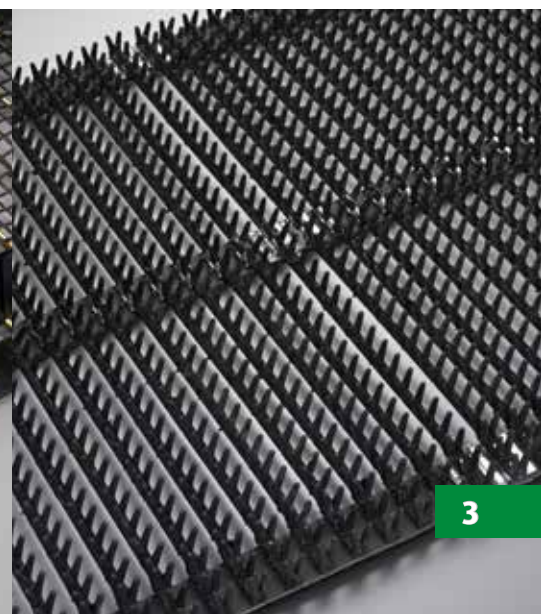
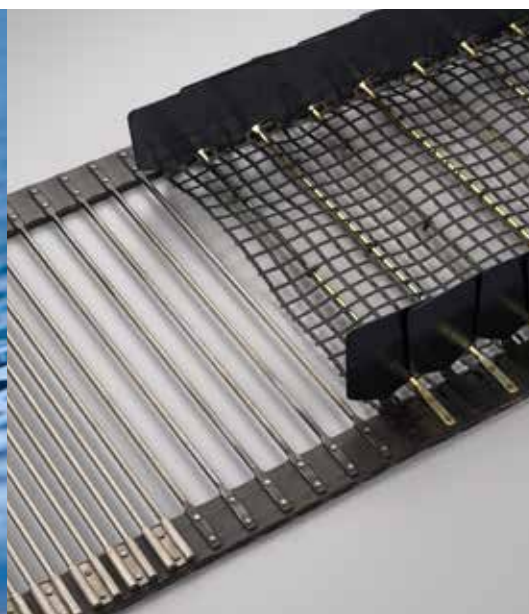
Our innovative joining technology always ensure maximum durability. On request we can supply conveyor belts sanded ready for installation and perforated in accordance with customer wishes with precise tolerances for vacuum operation thanks to state-of-the-art mechanical engineering.

Belts and belted chains for agriculture

With various facilities for manufacturing and distributing conveying and sorting belt systems within the Group our name stands for proximity to customers, cost-efficient logistics and delivery reliability.

Artemis has played a decisive role in further developing rubber-fabric belts for harvesting machines and is a leading player in this field. Our belts are extremely moisture-resistant, have a good tracking ability and enable high operating speeds. The belts are combined with different kinds of rods and connectors to produce belted chains that are extremely durable and suitable for separating, gentle sorting and conveying operations in agriculture under extreme loads.

Furthermore, complete systems for round balers are available consisting of continuously improved belt constructions and rubberised drive rollers. Perfectly coordinated components guarantee a long life.





Closed conveyor belts for bridging differences in height developed especially for use in Mixer feeders ensure precise metering without losses, even in frequent daily use.

Our extensive range of accessories consisting, among others, sprockets drive rollers, return rollers and carrier rollers in many variants completes the drive system and ensure that our belts operate without wearing. Should you require any further information we would be pleased to provide you with our full product range as a download from our website.

Conveyor belts for recycling and disposal systems

In the waste disposal industry in particular future-oriented conveyor solutions are becoming increasingly important. In this area, too, Artemis is a development partner with lots of innovative ideas. For many years beach cleaning machines fitted with our products have achieved excellent results in daily use in various coastal regions.





Profiled process belts for virtually all transport tasks

The cost-effective transportation of different kinds of products constantly calls for new and innovative developments and improvements to existing systems. The best possible adaptation to the prevailing operating conditions and processes in industry, mechanical and plant engineering are essential here.

Special flight and cam profiles ensure that products are conveyed without any losses. They can be made with narrow tolerances from vulcanising and plastic injection moulding tools. Customised hole patterns open up numerous possibilities for further processing methods.

The right joining technology for every application

Our company has joining technology suitable for every installation situation and all operating conditions. Detachable joints for quick installation on site or riveted or endlessly vulcanised joints are just a few examples. With our graded or butt-joint and subsequently vulcanised endless joints we achieve bonding strengths that greatly exceed the requirements and enable high alternating loads.

Artemis sets standards in the development of truly endless belts of any length.





Our innovative technology opens up numerous further possibilities for using rubber-fabric belts in a wide range of applications. The nominal strength of the belt can be fully used. In addition, compared with conventional joining technology, a lighter fabric construction with less strength used with smaller deflection diameters is possible. High separation accuracy is realised through defined pre-stretching of the fabric. This system is extremely durable – even with friction drive with hydraulic pre-tensioning.

Artemis is constantly further developing the different kinds of joints using laboratory and bench testing with simulation of actual operating conditions.

Moulded products – high performance thanks to precision in design and manufacturing

Thanks to our large range of different production machines we can produce small, medium and large series of almost any product size with optimum part costs. Tool design and production at our own company ensures utilisation of alacquired expertise for quick and straightforward solutions. Our own mixing engineers support our customers in selecting the right compounds to solve the many different tasks we are entrusted with.

Artemis rubber-metal or rubber-plastic compounds boast superior bonding properties and guarantee a long life. This product area rounds off our range in the field of conveying systems to perfection with numerous accessory parts such as rubberised rollers made of metals and plastics and special flights. Opportunities for product weight savings – increasingly important in this day and age – are considered.





Development of compounds for every application

We develop and produce compounds ourselves to meet the demands of all kinds of different applications. We consider the required chemical stability and also optimised abrasion resistance or coefficients of friction. It goes without saying that consistent product quality is ensured through clearly defined materials testing.

Construction of complete conveyance systems

Artemis engineers can develop an entire system customised to your specific transportation tasks. Engineers develop solutions themselves or work hand-in-hand with customers. State-of-the-art 3D design software is used for this. Realistic computer-aided load analyses are carried out with the finite element method.

Rapid prototyping processes are available for the creation of initial demonstration models. Final practical endurance testing of the new products on the company's own test benches rounds off Artemis' services in this area.





Artemis conveyor systems are characterised by:

- Application-oriented design of entire conveyor units for new areas of application incorporating our many years of experience.
- A long service life thanks to optimised belt design and construction, and the use of high quality materials.
- Consistent quality thanks to ongoing controls before, during and after production in our own laboratory.
- Innovative mechanical engineering to achieve optimum part costs for all kinds of different product geometries.

It goes without saying that all development and management processes at Artemis are certified in accordance with standard DIN EN ISO 9001:2015.

Artemis produces products for a wide range of applications:

- Moulded rubber parts
- Rubber-metal moulded parts
- Stators for progressing cavity pumps
- Rotors for progressing cavity pumps
- Billiard cushions
- Ball plugs



ARTEMIS Kautschuk- und Kunststoff- Technik GmbH

Rothwiese 4
30559 Hannover
Germany

+49 511 959 280

+49 511 959 2855

info@artemis-kautschuk.de

www.artemis-kautschuk.de



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