



WEBS AND CONVEYING EQUIPMENT





LET US INTRODUCE OURSELVES

RICON GmbH & Co. KG is an international manufacturer for the development and production of modern webs and conveying technology.

With our range of services we mainly address the needs of the potato, beet and vegetable technology sector, whilst also serving other sectors utilizing webs and conveying technology.

As part of the GRIMME Group, more than 150 employees are working to make us the leading supplier of conveying equipment with the most comprehensive product portfolio in both technology and service.

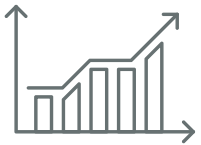
For this purpose, a new production plant of 10 000 sqm was built in 2011 in the industrial area of "Niedersachsenpark" at Rieste, close to the motorway A1.

Since 2018 we have expanded our range of services to include the production of "plan Be" scrapers for the food processing industry.

Operational excellence and continuous further development are the basis for providing our customers with first-class technical solutions.



FACTS AND FIGURES!



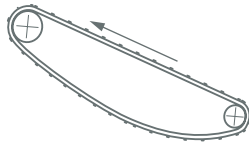
28

Million € turnover was achieved in 2018.



7000

We produce and take care of about 7000 different webs and belts to cover all possible applications.



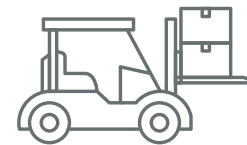
27000

On average we produce 27 000 conveyors per year. They contain approximately 2.7 million web bars and approx. 16 million rivets.



33

Machines are used during web bar production while the rest of assembly produce the components.



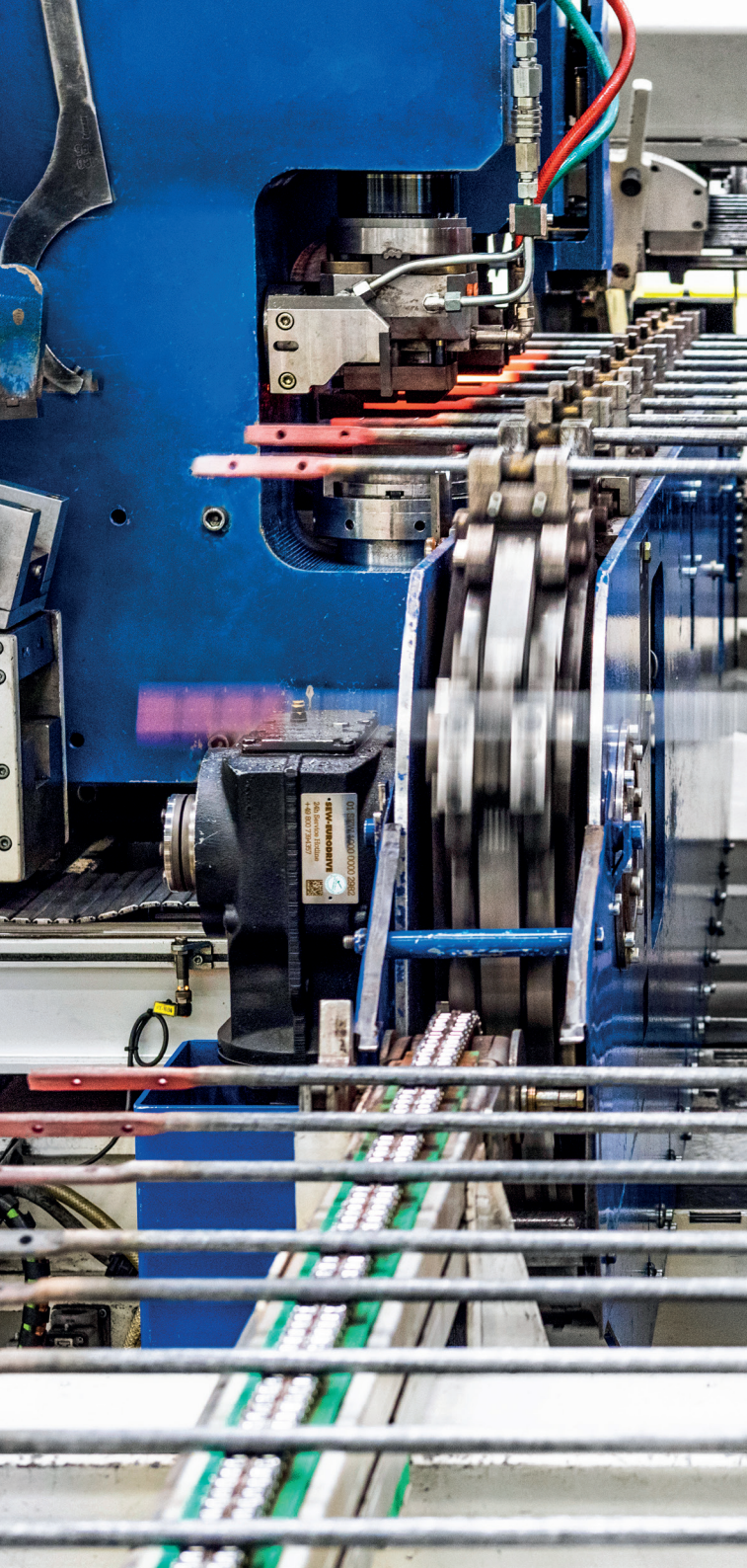
7100

Webs can be stored in our covered shelving system.



6000

Webs are always stored in our warehouse ready for dispatch.



PRODUCTION TECHNOLOGIES

Within our plants, which are specialist for mechanical engineering and innovative manufacturing processes, we are creating a new path for the future of RICON:

- Advanced machinery is used to change over to different lengths and diameters of bars, in the shortest possible time.
- Our riveting machines are equipped with an automated process control of all riveting parameters for minimum set-up times.
- For the production of the rims, all profiles are scanned and surveyed using complex camera technology.

Through the further development of technologies and workflows as well as the combination of various processes we are able to offer individual, efficient webs and belts. Different levels of automation alongside further processing and quality control can be achieved depending on individual customer requirements.





First-class production processes, the use of computer-controlled equipment and experienced specialists with a high level of know-how ensure consistent top quality of RICON products.

BELT PROFILING
AND CONFECTIONING
VOLCANIZING
RIVETING
PUNCHING AND FORMING

These are our techniques for processing
materials:
RUBBER, PLASTIC, METAL



FIELDS OF APPLICATION

Each component individually,
or complete systems from one source!

SOLUTIONS FOR THE INDUSTRY

- Agricultural engineering
- Cleaning equipment
- Mower boats
- Washing facilities
- Grading unit
- Food processing industry
- Paper recycling
- Sugar production

CLASSICAL APPLICATIONS

- Main webs
- Conveying webs and belts
- Cleaning belts
- Scraper floors
- Grading webs
- Unloading webs
- Filling webs
- Scrapers for conveying belts
- Scrapers for rollers
- Modularly combined webs

COMPONENTS

- Bars made of steel, fibreglass and plastic material
- Vulcanised bars
- Pintle bars
- Protecting tubes
- Brushing and finger ledges
- Cleaning flap
- Flights
- Centre belt fixation
- Belt joiner
- Endless vulcanisation
- Grader discs
- Separating stars
- Scrapers

The DETAIL makes the difference!

You know: Not all webs are the same!
Every crop and product to be conveyed is different
and has its own special requirements.

RICON offers the right belts and webs in top quality for a wide range of applications.

RICON's history is characterised by technical developments and patents that offer well thought-out solutions for practical challenges and are always developed in close cooperation with our customers.

The guiding idea for the development is always the specific application or problem. With decades of competence and the intuition of a tinkerer, RICON contributes daily to introducing efficient and sustainable innovations to the market. Numerous sieving and conveying systems worldwide have already been accelerated, improved and made more efficient by RICON developments.

Benefit from our innovative strength and challenge us.



QUALITY



Our benchmark for quality is high!

RICON is your brand for sieving and conveying belts with special requirements. Therefore, optimal quality management is standard for us.

High quality is maintained through detailed testing and communication for the entire process of our whole product range. These are the tasks that the team faces every day in order to guarantee the consistent quality of our webs both in series production and for individual enquiries.



SERVICE



RICON products have proven their value worldwide.

This success is due to the fact that RICON has its own development department. Here, experienced and competent engineers develop and test RICON products and coordinate their functions with each other down to the smallest detail.

Tell us what your requirements are!

In addition to series production at the highest technical level, there is also the possibility of customized developments according to your specific requirements. Our engineers develop tailor-made possibilities hand in hand with our customers. We will support you from the first idea to the implementation.

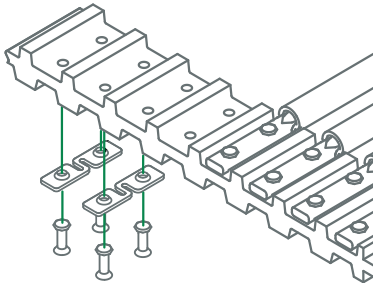
This process is started by a comprehensive analysis of the local situation and operating conditions. This is followed by computer-aided simulations, first samples and a practical test through our validation.

We consider every detail and ensure an integrated complete solution developed by our technology experts and verified under practical conditions.

OUR CONVEYORS

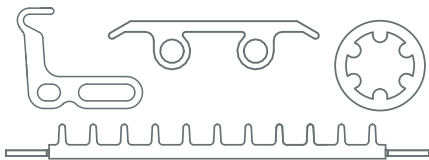
BELTS

Belts with evenly and continuously embedded fabric inserts significantly increase the service life significantly, even under high stress and heavy load. The cams on the belt protect the crop flow from damage.



ADDITIONAL COMPONENTS

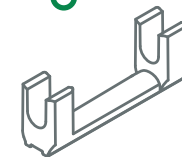
We offer equipment and individual features. Our product range includes solutions for any conveying task.



BARs MADE OF SPRING STEEL

High strength in combination with high bending elasticity, frequent load changes and a low wear behaviour are the main requirements for the bars of our sieving webs. To comply to these requirements, special spring steels are used in addition to fibreglass (GRP) and plastic in order to avoid long-term deformation.

RICON uses two materials in a targeted manner: the spring steel called HYPERflex for extreme requirements and the MULTIflex as an all-rounder.

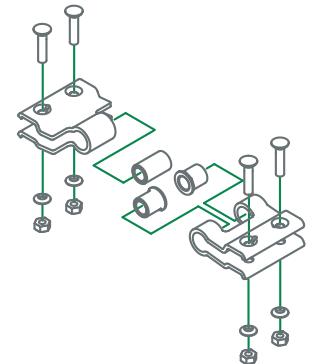


JOINER FOR CENTRE BELTS

For large working widths we use additional middle belts. For an optimal joining of the components we supply different systems.

JOINING AREA

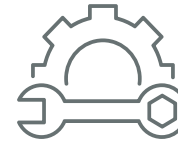
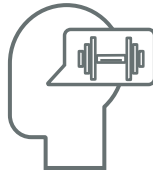
In order to create circulating webs and belts, we rely on different joining concepts. For example, our hardened heavy-duty joiners with special bushings are easy to maintain.



What initially looks like a simple merging of components such as belts, bars and a connecting area, turns out to be a complex interaction of sophisticated material compositions and adjustments.

OUR BENEFITS

We develop customized solutions for you and your application. Supported by our own research and development department, which is assisted by in-house test facilities for validation and a test laboratory, we have built up innovation-leading RICON know-how.



The quality of the harvested crop and thus the profitability also depends on a reliable and high-quality conveying product.

RICON has focused on this high standard. Our manufacturing is on a high technical and flexible level.

Just in time!
You have immediate access:
Whatever you need immediately, RICON keeps it in stock for you - or manufactures just in time. If you inform us in time, your order will even be shipped the same day. This service is particularly appreciated by our customers all over the world.



Our customers rely on RICON technology - worldwide! Our product range meets all your wishes and always offers the best solution for your specific conveying tasks.

No matter whether you want to convey root crops, vegetables, fruits, water plants, sugar cane, tobacco or other products: we supply customized equipment and accessories for your webs and belts.



RICON GmbH & Co. KG
Lüneburger Straße 1
49597 Rieste · Germany

Phone	+49 5491 9692 0
Fax	+49 5491 9692 8990
E-mail	info@ricon.de
Web	www.ricon.com

RiCON,