



PRODUCT CATALOGUE

Your Trusted Partner In Transmission & Precision Since 1913





About Bengtssons Maskin

Bengtssons Maskin was founded back in 1913, but it was not until the 1950s we took a focus on mechanical transmissions.

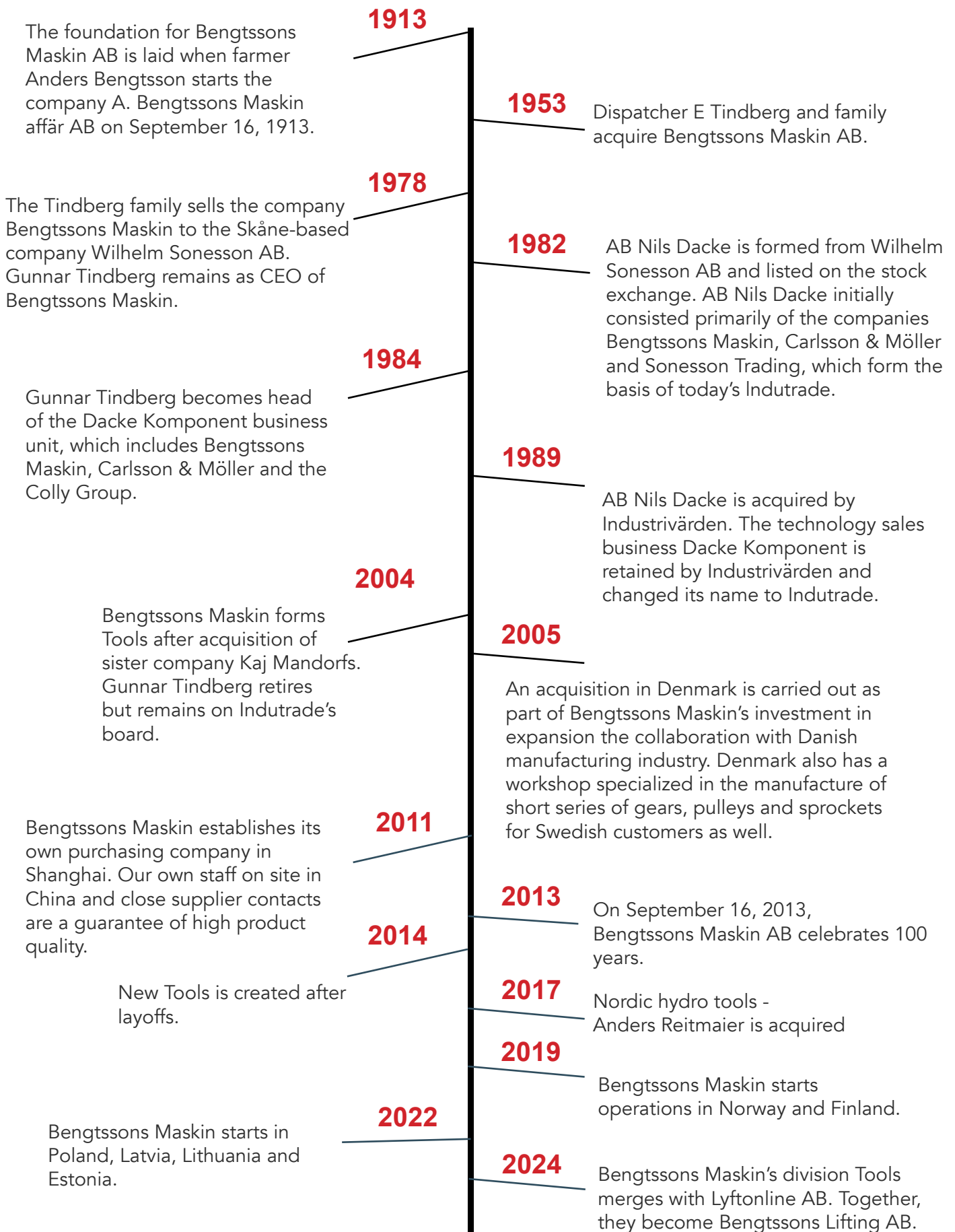
Over the years we have expanded with many more products to have as wide a range as possible.

This applies not least within our core areas, which is transmissions. We have a workshop in Arlöv where we physically adapt our products as well.

We target industry companies in the Nordics and Baltics and collaborate with manufacturing partners from all over the world. In addition, we focus on only cooperating with suppliers who are leaders in their field.

We are also part of Indutrade. This is an international industrial group that sells and develops components, systems and services with high technical content.

Our history





Customer Focus

It is always you as a customer who is in focus at Bengtssons Maskin. We help you become more competitive in your market, which also makes your company more profitable.

All of our products can be customized based on what you request and our competent employees are with you all the way from start to finish. Regardless of whether you want help already in the concept stage or later, we are at hand. Then we are with you right up to delivery.

Some of our important keywords are safety, efficiency, sustainability and profitability. In addition, we are always keen to be available to you as a customer and offer good support.

In addition to the work that takes place in our workshop in Arlöv, we are also at your service with advice on site at your company. We can also help with dimensioning and assembly.

Strategy & Cooperation

Bengtssons Maskin collaborates with its partners at a strategic level in order to maintain an efficient purchasing process. We have extensive experience in sourcing and have a close network with our partners in Asia.

Together with our partners, we strive for a long-term and strategic collaboration. We also only work with partners and manufacturers that we know from experience can deliver quality and safe products.

As with our partners, we also aim for a long and close relationship with our customers. As a customer, we take care of finding the right manufacturer that suits your wishes. We are with you all the way – from prototype to storage. With a warehouse in Sweden, we can also guarantee a just-in-time delivery.



TURNING



**GEAR
MANUFACTURING**



MILLING



CASTING

INDUSTRIES



The automotive industry

Top quality mechanical components are an essential part of the automotive industry in order to produce safe vehicles. It does not matter if it is a heavy truck or an electric passenger car. Everything from the smallest gears to cardan shafts must be able to guarantee durability over time.



Mining

In the mining industry, machines and products are required to have high durability in extreme environments. They are used both in mines and in open pits where safety is paramount to avoid accidents.



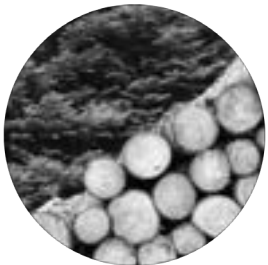
Ergonomics

High-quality mechanical components are required for the manufacture of ergonomic products that facilitate work tasks in companies and simplify everyday life in private life. We manufacture mechanical components of the highest quality, but can also develop new ones based on your needs, whether it is about varying materials or surface treatment.



Paper & Pulp

Wood is a renewable raw material that companies use in a number of different productions. So not just for the production of paper and pulp. They also produce biofuels, various building systems and dissolving pulp. We can help you develop and customize mechanical components. Our strength is that we have knowledge of areas of use within paper and pulp.



Forest Industry

In the Nordic region, the forest industry is a large and important industry for both companies and the country's economy. For it to be profitable and efficient, everything from forest trailers to felling machines must be of the highest quality. This means that the mechanical components used must withstand rough terrain, heavy lifting and offer a safe workplace.



Steel Industry

Production in the steel industry requires durable and safe mechanical components, regardless of what is being manufactured. You should always turn to a company that has knowledge of the areas of use for what you produce. Many times, mechanical components have to cope with high forces, low weights and precision manufacturing.



Defense & Surveillance

When it comes to surveillance and defense machines, it is important that they work properly. Technological development is advancing rapidly and means that the demands placed on products are increasing. With us, you will find high-quality components for both defense and surveillance, and they are delivered to leading companies on the Nordic market.



Packaging Industry

Here you will find all the components you need to be able to manufacture machines of a high standard that work both efficiently, environmentally friendly and economically. We have the parts you need in both transmission, hydraulics, lifting and torque.

Find more about industries on www.bengtssons-maskin.com



Agriculture

In agriculture today, most things are done mechanically. Therefore, as a manufacturer of agricultural machinery, it is very important that you use mechanical components that are of the highest quality. We have the expertise on which components you need!



Offshore

We offer customized solutions, first-class products in extremely corrosive environments. Also professional service in advanced handling equipment for both manned and unmanned marine vessels. We offer advice on site at you as a customer, regarding everything from dimensioning to assembly.



Energy

Energy power plants are an important part of Sweden's electricity supply. It is therefore necessary that the products that the industry uses for the production are of very high quality. Mechanical components used in the reactor, the turbines and for the production must have a durability in extreme environments. We have the solutions!



Medical Technology

If you, as a manufacturer of machines and systems in medical fields, are looking for professional help to be able to produce quality equipment, we are here Bengtssons Maskin AB the right supplier for you. We consult both regarding your project and customize the products based on your needs.



Shipbuilding Industry

Mechanical components play a major role in the heavy shipbuilding industry. Here, the need for products that have enormous durability in extreme environments is extremely important. This means components that can provide high forces, low weights and long life cycles.



Material Handling

We provide a wide range of products and services that enable a flexible and optimal design of material handling equipment. We are specialists in mechanical transmission systems and can offer our customers different components.



Infrastructure

We are a company that works with products and customized solutions within all types of infrastructure. Our many years of experience in the industry means that we can offer different systems for more efficient production, which gives the customer greater profitability and competitiveness.



Automation

Are you a producer of machines in automation? Then it is important to find components and mechanical transmissions of a high standard for your product. That's where we at Bengtssons Maskin can be of help. We have many years of experience and have great competence in our field.



CLAMPING ELEMENTS

The ETP principle provides a number of important advantages for the customer: compact design, quick assembly, easy to position, good rotation, does not damage the contact surfaces and is easy to dismantle.



CARDAN SHAFTS

Cardan shafts are in many cases one excellent alternative to shaft couplings when the distances between the shaft pins exceed approx. 500 mm. They are cost-effective and have a long service life.



GEAR COUPLINGS

Renk is one of the world's leading manufacturers of spur gear couplings. Only a limited range of standard couplings is presented on our website. For further information on, for example, high speed couplings for speeds up to 40 rpm, please contact our sellers.



HYDRAULIC TURNING DEVICES

Hydraulically, you can create a turning movement and the turning device itself can absorb higher external mechanical stresses. Perfect for tilt movements and various types of applications where you have access to hydraulics.

GEARS & GEARMOTORS

A wide range of gearmotors and gear reducers, combined with a high level of engineering expertise, decades of experience.

Rossi



INDUSTRIAL

This series of gear reducers and gearmotors combines and exalts the traditional qualities of helical and bevel helical gear reducers (strength and accuracy) with advantages derived from modern design, manufacturing and operating criteria.



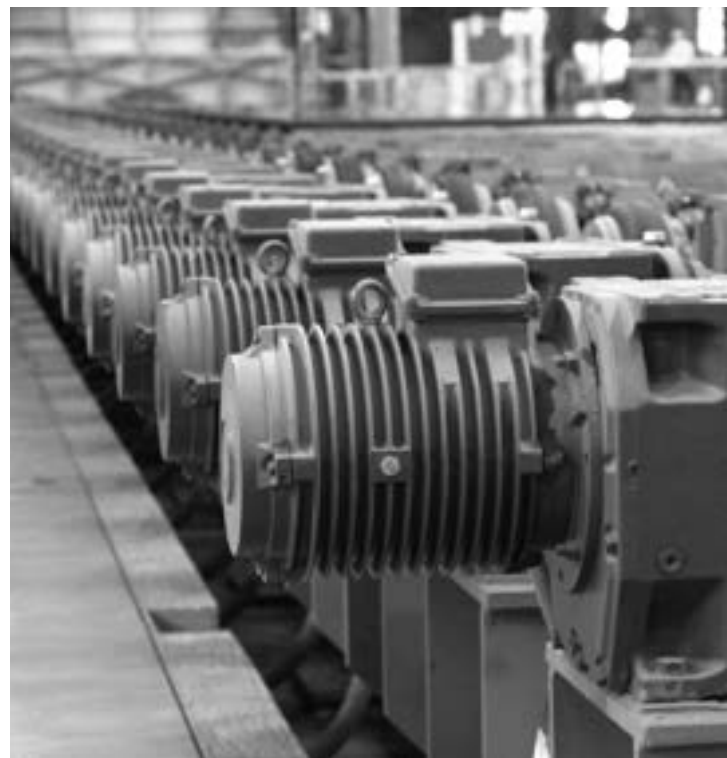
COAXIAL

iFit, the innovative, interchangeable gearmotors equipped with compact IE3 efficiency electric motors and available with IoT based smart inverter. A compact design, fully interchangeable with a superior quality to Fit all industrial applications improving companies' productivity.



PLANETARY

The planetary gearboxes are designed with the help of the most advanced technologies, exploiting the experience gained in all the most severe applications. A complete range of gearboxes, suitable for every type of product in the industrial field.



SLEW DRIVES

Our slew drives from IMO are closed units, which means a high degree of reliability against external environmental influences.

IMO



WD SERIES

The torque transmission takes place with a worm screw and worm wheel and is the product on the market that provides the highest torque transmission in relation to its size and weight. WD can be operated hydraulically and electrically.



WD-E ALU LINE

IMO have developed a new generation of the worm-driven slewing drive series: WD-E Alu Line. Designed, calculated, and engineered using the finite element method. Subjected to a multitude of challenging tests on the test bench.



SP SERIES

Slew drive series SP (Spur Pinion) is intended for continuous operation. In the SP series, the torque transmission takes place with cylindrical gears and they are therefore not self-locking. In some applications, a brake may therefore be necessary.



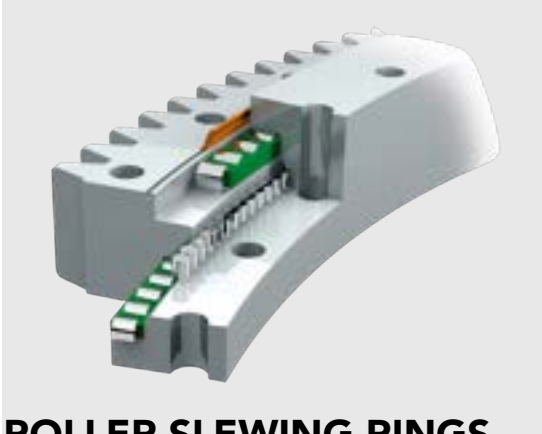
SP-H OPEN SOLUTION

IMO has expanded their extensive standard range of pinion-driven IMO SP-H slew drives. Raceway diameters 1055, 1155, 1255, 1355 and 1455 were added. Due to their dimensions, IMO manufacture these slew drives as an open solution.

SLEWING RINGS

Our slewing rings are designed to handle high axial, radial and tilting moments, making them reliable in demanding applications.

IMO



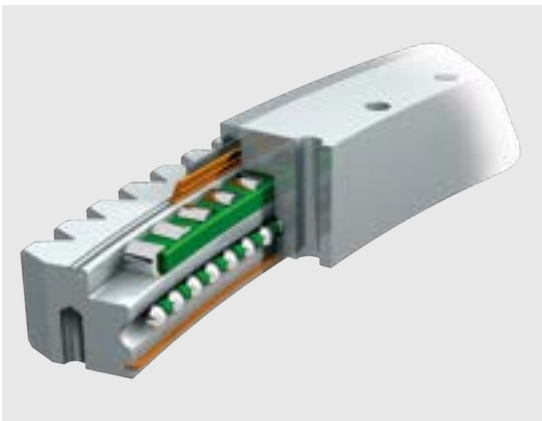
ROLLER SLEWING RINGS

Single-row, double-row, or triple-row, top load with really small installation space, top requirements for even load distribution.



BALL SLEWING RINGS

Single-row or double-row, four-point raceway geometry, enables robust constructions for tough usage conditions.



BALL-ROLLER COMBINATION SLEWING RINGS

Combination of roller and ball slewing rings, used for dominant axial force and low radial loads/tilting moments.



COUPLINGS

VULKAN provides a variety of couplings, including flexible and rigid types, for connecting engines to machinery.

Vulkan



HYDROSTATIC COUPLING

VULKAN's HYDROFLEX MA-R coupling connects diesel engines to hydraulic pumps. Its rigid nylon core ensures efficient operation in compact spaces, eliminating damaging resonances and supporting hydrostatic applications with low inertia torque.



FLEXIBLE COUPLING

The FLEXOMAX G is a torsionally flexible coupling fitted with compressible flexible elements. The coupling's flexibility compensates axial, radial and angle displacements between coupled shafts, absorbing rotational impacts and torsional vibrations from drive or working machines.



DISC COUPLING

The METAFLEX joint shaft metal and stainless steel coupling is a torsionally stiff link style coupling. Due to the allmetal design the coupling is widely dirt and temperature resistant. The bending flexible link element of the coupling consists of layered rings which are made from stainless steel.



HIGHLY FLEXIBLE COUPLING

The MEGIFLEX B is a multi-application highly flexible coupling. With its modular design and pressure loaded element, the MEGIFLEX B completes the VULKAN product portfolio in the torque range smaller VULKARDAN E / F and VULASTIK L couplings.

ROTACHOCK

The VULKAN RotaChock is a versatile, adjustable chocking solution designed for precise alignment and secure mounting of machinery.

Vulkan



ROTACHOCK BASICLINE

Rotachock basicline is a rigid and adjustable chock designed for mounting rotating equipment with precision. RotaChock offers a robust and reliable solution to solve Soft-Foot problems.



ROTACHOCK SLIMLINE

Whether in industry or other technical applications, Slimline is the perfect choice to ensure stable and accurate leveling of your machines and equipment. With Slimline, you get a reliable solution to optimize performance and safety in your business.



ROTACHOCK MOUNTING PLATE

The adjustment bolts in the Mounting Plate are used to eliminate any angle between the bracket's foundation and base plate. Now the four RotaChock® in the corners are adjusted to fill the gap. The base plate, Mounting Plate and machine foundation are then securely tightened with four foundation bolts.





CLAMPING ELEMENTS

The ETP principle provides a number of important advantages for the customer: compact design, quick assembly, easy to position, good rotation, does not damage the contact surfaces and is easy to dismantle.



INDEXERING GEARS

Indexing gears and indexing tables are simple, proven and reliable machine elements. Bettinelli is a world-leading manufacturer from Italy.



LINEAR CONVEYORS

The industry's highest accuracy and repeatability for automated assembly and manufacturing machines. They are specifically used on machines that require stability, precision, high speeds and low maintenance.



HYDRAULIC JACKS

Hydraulic jacks from UNIMEC SpA are easy to use, reliable and require a minimum of maintenance. This makes them a very useful machine element in many different contexts.



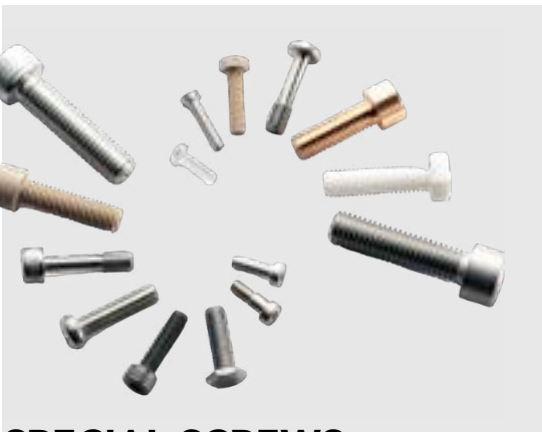
RPS SYSTEM

The Nexen RPS system for linear and rotary precision movements. The Nexen RPS system offers unique accuracy and repeatability - with absolutely no backlash.



MINIATURE COUPLINGS

For encoders, servo motors and stepper motors - we have the right coupling for your applications. The range includes a very large selection of couplings in various designs, all with their unique properties.



SPECIAL SCREWS

We sell a very large range of special screws from NBK in Japan. The range includes screws for vacuum applications, plastic screws, miniature screws etc.



GEAR MOTORS

With Rossi's product range, we have the world's widest range of gears. The gears from Rossi can be combined with other products from our range, such as slewing rings, cardan shafts and clamping joints.

ROTATIONAL & LINEAR MOVEMENT

For over 70 years, the German company has produced and supplied innovative solutions and products in linear systems and bearing units.

Franke



BEARING ELEMENTS

These bearing elements can be integrated directly into your design. You can easily assemble them yourself. The bearing element can be adapted in form and material bespoke to your requirements, for example by choosing amagnetic ceramic rolling elements.



BEARING ASSEMBLIES

Bearing assemblies can be mounted even more easily than bearing elements. They are available in every size, with individual bores and toothings and in numerous materials such as aluminium, stainless steel, carbon or as a 3D printed housing.



LINEAR SYSTEMS

These linear systems are the first choice when highest dynamics are required. The large rollers are mounted very smoothly. They run with low friction and precisely guided on the inserted tough and hard steel wires.



DIRECT DRIVE

We also offer complete customized positioning and drive units, optionally with proximity switch, coupling and motor. Systems with direct drive are a particular strength of Franke. They are used, for example, in many computer tomographs of renowned manufacturers.

REDUCTION GEARS & ACTUATORS

Spinea's products are ideal for applications requiring high precision, zero backlash, high torque, rigidity, compact design, and low weight in limited spaces. Spinea



REDUCTION GEARS

Spinea Twinspin backlash-free cycloid gears represent a completely new generation of transmission solutions with the highest precision. They are based on a patented construction consisting of axial and radial bearings.



ACTUATORS

Spinea's Drivespin technology is a breakthrough in precision rotary motion. Featuring a patented trochoidal gear mechanism, Drivespin delivers high torque in a compact design, making it ideal for space-constrained applications.





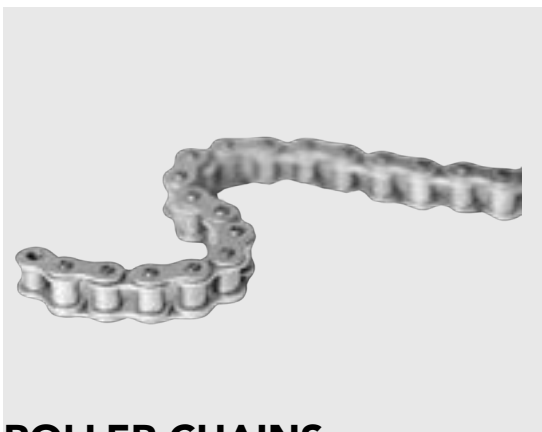
MECHANICAL CLAMPING ELEMENTS

All mechanical clamping elements are based on the principle of cones sliding against each other. The sliding, and thus the radial expansion, is achieved by means of a number of radial screws.



PRECISION CHAINS

Here you will find roller chains of all types and sizes. Our partner IWIS also produces roller chains with brackets and special chains with group chains, leaf chains, conveyor chains and many other models.



ROLLER CHAINS

Regina has been producing standard and specialized chains for over 90 years. Material selection and function can be varied endlessly and gives us great opportunities to find effective solutions for most applications.



CONVEYOR CHAINS & MODULAR BELTS

Regina Catena plastic & steel chains and modular belts are a very extensive product range and impossible to present in detail on the website. A product catalog is available in pdf format under each product group.

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THANK YOU!

Thank you for exploring Bengtssons Maskin!
We appreciate your time and interest in our solutions. If you have any questions or need further assistance, don't hesitate to contact us.
Let's build strong connections together!

GET IN TOUCH

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