



Reich



MOBILE APPLICATIONS

Reliability for automotive engineering.

www.reich-kupplungen.com



SIMPLY **POWERFUL**. SIMPLY **GLOBAL**.





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Reich



We develop solutions, not just couplings:

EXPERTISE IN POWER TRANSMISSION SINCE 1946

A small manufacturer of spare parts in the mining industry becomes an internationally recognised specialist in the field of power transmission – we engineered this success story ourselves and are proud of it. We are just as proud of our quality couplings, which have won over and advanced entire sectors thanks to their resilience, ease of maintenance and reliability.

Industry, test stand technology, pumps and compressors, marine applications, power generation and mobile applications – REICH couplings transfer torque with absolute precision and without any unwanted vibrations.

The REICH brand is synonymous with torsionally flexible couplings with a high degree of vertical integration. These products are predominantly used for combustion engines in stationary and mobile applications. Our sophisticated coupling system solutions are well-known far beyond our main factory in Bochum, Germany, and are used all over the world. Thanks to our own subsidiaries and partner companies, they are also used in China, India, Italy, Korea, the Netherlands, Poland, the UK and the USA.

But no matter where in the world, our experienced employees at REICH use state-of-the-art manufacturing technologies to produce far more than interchangeable rubber/metal couplings. Our couplings ensure that everything runs smoothly for you!

“Managing the family business founded by my grandfather, now in its third generation, and expanding the global success of the REICH brand in the future is a task that requires a lot of engineering passion and self-drive.”

LOCATED IN BOCHUM AND FAMILY OWNED **SINCE 1946.**

Christian Reich (Dipl.- Ing.)

Innovation at the highest level:

REICH ELASTOMERS ARE IN REICH PRODUCTS

The development and ongoing optimisation of all the elastomers we use are essential quality factors for our couplings. With our own test field and test benches as well as state-of-the-art production technologies, we create high-quality and durable products for our customers' power transmission and offer solutions for a wide range of industries.

High-tech, expertise and technical curiosity are what drive our research and development team. Using the latest calculation and simulation software as well as highly dynamic coupling test benches, we create products which provide maximum customer benefits. This is due in no small part to the production and ongoing development of our own elastomers, which are used in all REICH couplings.

It is especially in flexible coupling systems that our in-house elastomers prove their unique properties – as a transmission element that reliably decouples torsional vibrations and compensates for misalignments. We offer our customers a wide variety of rubber compounds from soft to hard and for ambient temperatures up to 120 degrees Celsius.

The optimum rubber compound for your individual industry solution is determined by our research and development team on the basis of its extensive expert knowledge and decades of experience.



“We can only meet our own high standards by offering high-quality and durable products for our customers' power transmission – which is why we also develop and continuously optimise the elastomers we use ourselves.”





In-house development, testing and manufacturing:

D2C – DESIGNED TO CUSTOMER

Choose from a wide range of products with standard couplings or let us create a customised one-off coupling solution for you. Each and every REICH coupling is selected just for you using the ‘Designed to Customer’ principle and only leaves our company after thorough testing. We will gladly rise to your challenge.

Thanks to our constantly growing, modular and perfectly coordinated product portfolio, you can simply select the optimum coupling solution for your power transmission requirement or entrust it to our experienced staff, who will be happy to guide you through the coupling selection process.

Being on the same wavelength as our customers, we are very quick to identify the solution that best meets requirements – be it a standard version coupling or a special customised solution in individual production. The designs are mainly based on modular components to provide effective and efficient customer solutions.

Our own state-of-the-art test benches and equipment guarantee high-quality durable REICH products. The ISO 9001-certified quality management system has production-related testing systems that guarantee their compliance with customer requirements when used in practice. We also hold approvals from recognised classification societies for shipbuilding and marine applications.

The company policy at REICH embraces, first and foremost, principles such as customer satisfaction, flexibility, quality, prompt delivery and adaptability to the requirements of our customers.

REICH provides you not only with a coupling, but a solution: Designed to Customer – SIMPLY **POWERFUL.**

“Being able to offer each of our customers the perfect solution and the right coupling system time and again is what spurs us on every day. The enquiries we receive from a wide variety of industries are valuable sources of inspiration and fuel our ambition.”

D2C
Designed to Customer

REICH world:

OUR SECTORS AT A GLANCE



POWER GENERATION
Efficiency for the future.



MOBILE APPLICATIONS
Reliability for automotive engineering.





PUMPS AND COMPRESSORS

Great for power transmission.



TEST BENCHES

Strong in testing areas.



INDUSTRIAL SECTORS

Open to any challenge.










MARINE ENGINEERING



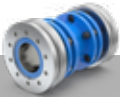


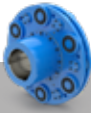



Durability in marine applications.

SIMPLY **POWERFUL**. SIMPLY **GLOBAL**.

FIELDS OF APPLICATION

For industry-specific requirements:

	AC	AC-VSK	iTOK	TOK SYSTEM	TOK DOCKING SYSTEM
INDUSTRY 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
POWER GENERATION 	Applications: combined heat and power plant units •				
MOBILE APPLICATIONS 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEST BENCHES 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PUMPS AND COMPRESSORS 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
INDUSTRIAL SECTORS 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MARINE ENGINEERING 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Applications: bow/stern and transverse thrusters •				

MMS	MMS-HS	FD	FD-HS	RCT	ELBO	RB	MCF	MCR
								
●		●						
stationary power generation • decentralised energy systems • bio gas and natural gas applications								
●		●		●				
pump transfer gearboxes								
	●	●	●					
electric motors • gearboxes • roller dynamometer test benches								
●		●	●	●	●	●	●	●
roots pumps/vacuum pumps • piston compressors for diesel engines • rotary/centrifugal pumps for diesel engines								
●		●			●	●	●	●
crane technology • woodworking machines • steel mill equipment • gearbox applications, etc.								
●		●		●				
generators • propeller drives • on-board generator sets • pumps and compressors • cranes								

Vibration-damping systems:

COUPLINGS MADE FOR MOVEMENT

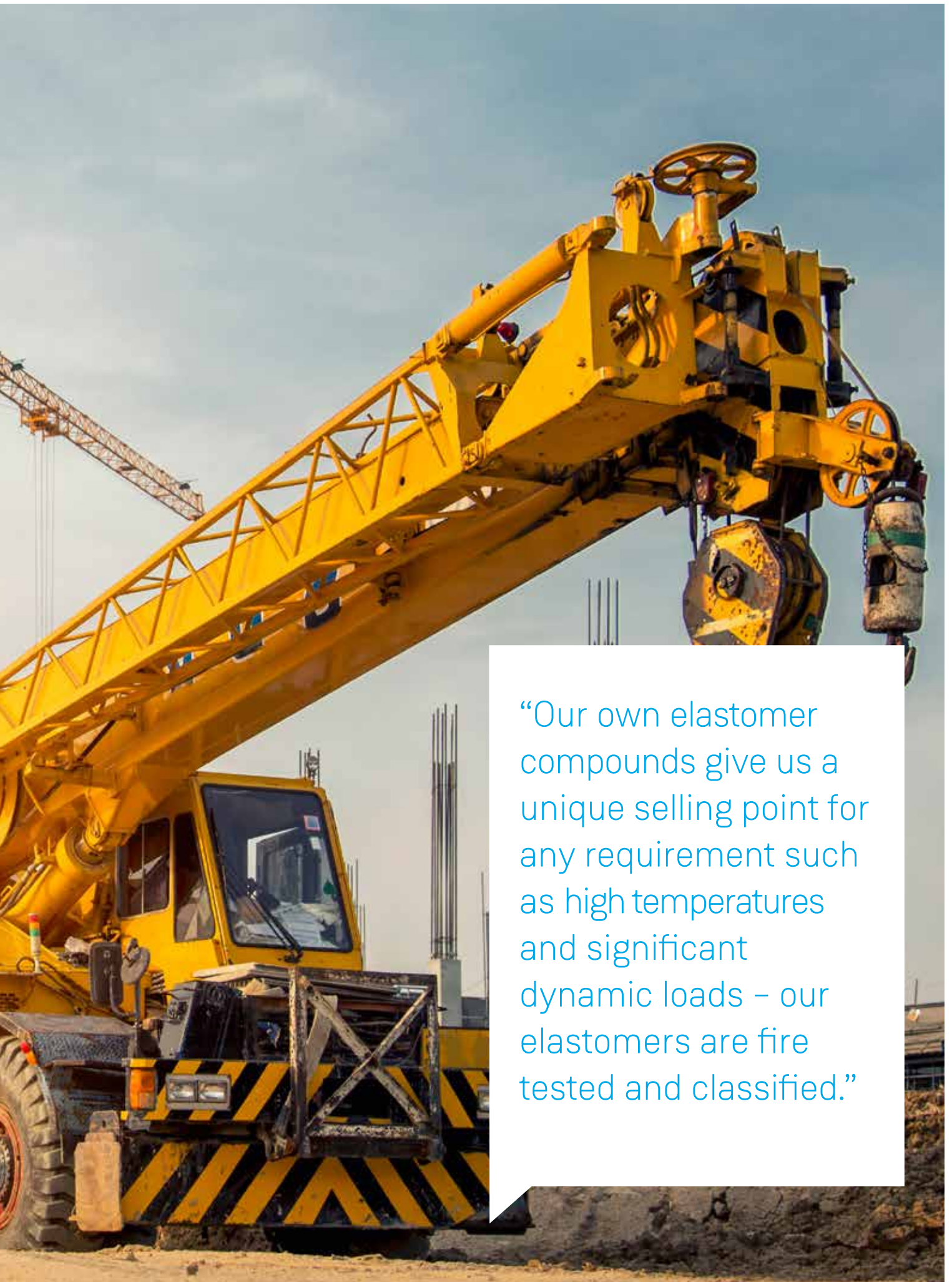
Exposed to the elements, they move great things and are powerhouses in their own right: railway applications, construction equipment, agricultural and forestry machinery, trucks to name but a few. The couplings we use are characterised by a high torque transmission capacity with precise power transmission as well as strongly damped torsional vibrations and shocks in the drive train.

Be it on land, on water or in the air – mobility places particular demands on power transmission: high dynamic loads, variable drive speeds and, as a result, changing demands on the coupling, along with usually only a small installation space available. Couplings for mobile applications must therefore have a compact design in order to adapt to the available space and the connection conditions. They must guarantee a long service life under these conditions.

From axially pluggable to fail-safe to maintenance-free, we have the right coupling solution for every mobile application. Easy to maintain, reliable, cost-effective and with a long service life.

REICH offers the right highly flexible, flexible, torsionally rigid and switchable couplings for your area of application.





“Our own elastomer compounds give us a unique selling point for any requirement such as high temperatures and significant dynamic loads – our elastomers are fire tested and classified.”

Wear-free, easy to maintain and reliable:

REICH CUSTOMER BENEFITS

Mobile power transmission is often subjected to heavy loads: overload, vibrations and torque shocks are part of daily business. But environmental factors such as the cold, wind and the weather, and sand or gravel also take their toll on the running performance of machines.

REICH couplings for mobile applications will prevent damage to your drive components, which might otherwise lead to expensive production downtimes. Wear-free, easy to maintain and reliable – features that all REICH couplings have in common and which guarantee maximum safety under extreme loads, especially for mobile applications.

Unpleasant resonances, vibrations, load surges or overloads? Our experienced engineers will calculate or design your drive train for you.

We will provide you with your drive-specific solution (D2C) so that everything runs smoothly in future.





“Not only will you be supplied with couplings, but also with a solution that’s tailor-made to handle the problem at hand. That’s what matters to our customers.”

Reich





YOUR CUSTOMER ADVANTAGES:

- Safe operation
- Absolute reliability
- Very easy to maintain
- Increased productivity
- Lower life cycle costs
- Significant energy savings
- Short delivery times

OUR PRODUCT ADVANTAGES:







- High temperature resistance
- High torque transmission capacity
- Optimised service life
- High power density
- Flexible integration
- Increased operational stability
- Smoother running
- Relieved drive
- Custom-fit solutions
- Good displacement capability






MOBILE APPLICATIONS

SIMPLY POWERFUL. 

Industrial solutions:

-  Power generation
-  Mobile applications
-  Test benches
-  Pumps and compressors
-  Industry
-  Marine applications

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