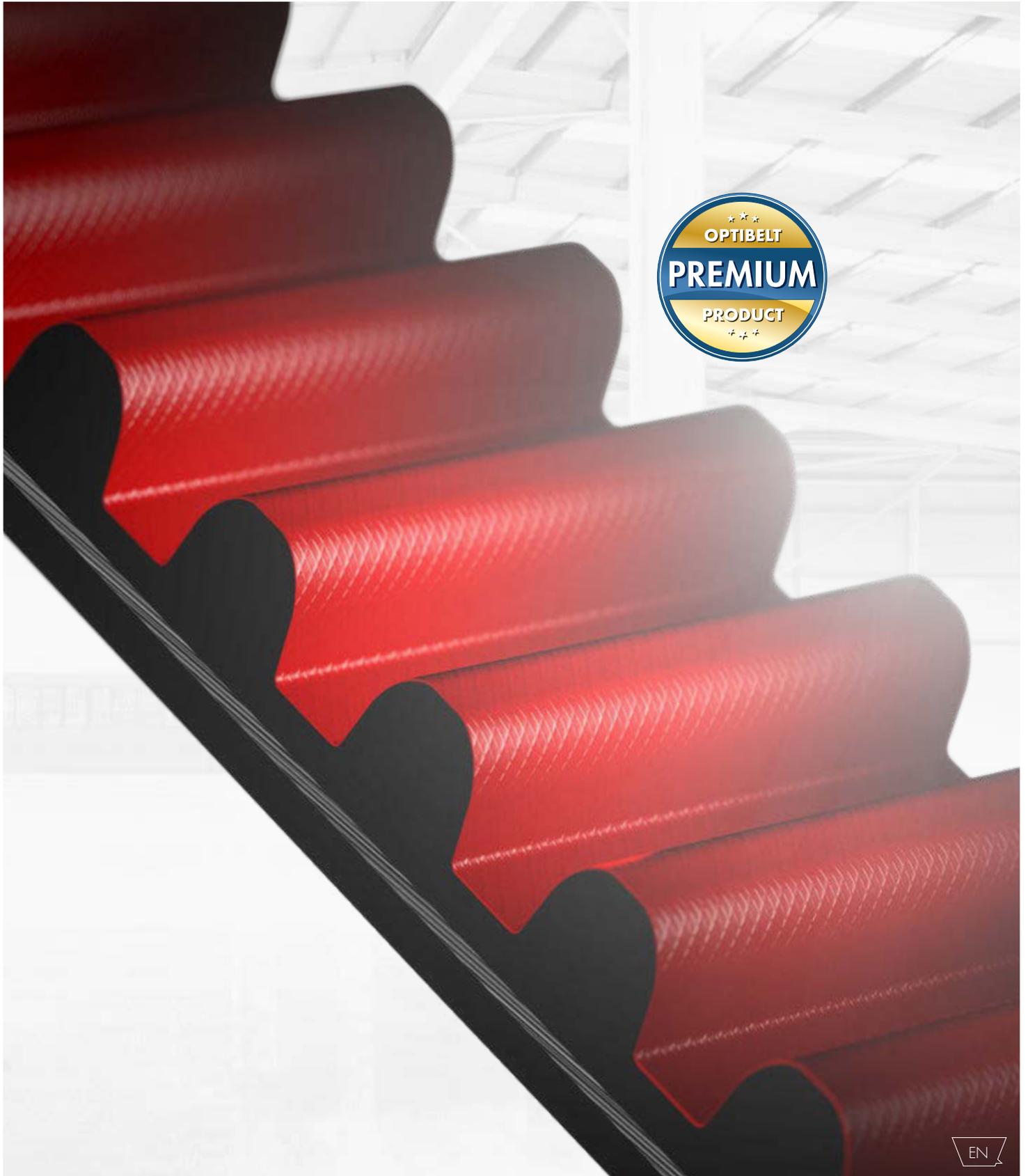




POWER TRANSMISSION

optibelt **DELTA CHAIN** Carbon



HIGH PERFORMANCE TIMING BELTS

DELTA CHAIN

The **optibelt DELTA CHAIN Carbon** is a new high performance timing belt that sets standards in the market. Up to 100% higher power transmission is possible compared to high performance rubber timing belts.



The **optibelt DELTA CHAIN Carbon** was designed for high torques and delivers high performance even in extreme use and with high loads.

With its carbon cord, it is the ideal alternative to drives with roller chains.

optibelt DELTA CHAIN Carbon 896
optibelt DELTA CHAIN Carbon 896 8M 21
optibelt DELTA CHAIN Carbon 896 8M 21
optibelt DELTA CHAIN Carbon 896 8M 21

AIN Carbon

The overall width of the drive can therefore be considerably reduced.
The particular focus here is placed on drives with very high torques.

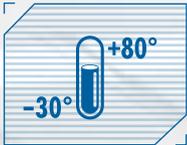


It runs in **optibelt ZRS DC** timing pulleys and
in the comparable other brand timing pulleys
CTD and PC.



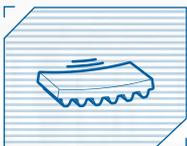
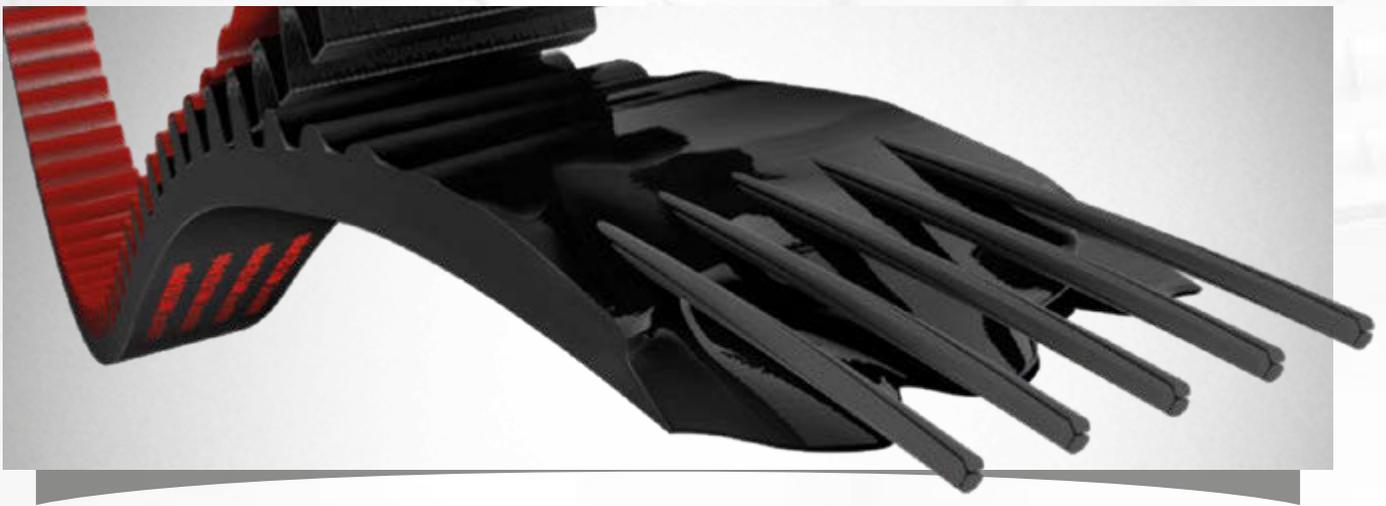
optibelt **DELTA CHAIN** Carbon

CHARACTE



BEST TEMPERATURE RESISTANCE

thanks to the use of cast polyurethane – operating temperatures of approx. -30°C to $+80^{\circ}\text{C}$



UNRIVALLED IMPACT STRENGTH

due to a combination of hard polyurethane and hard-wearing carbon fibres

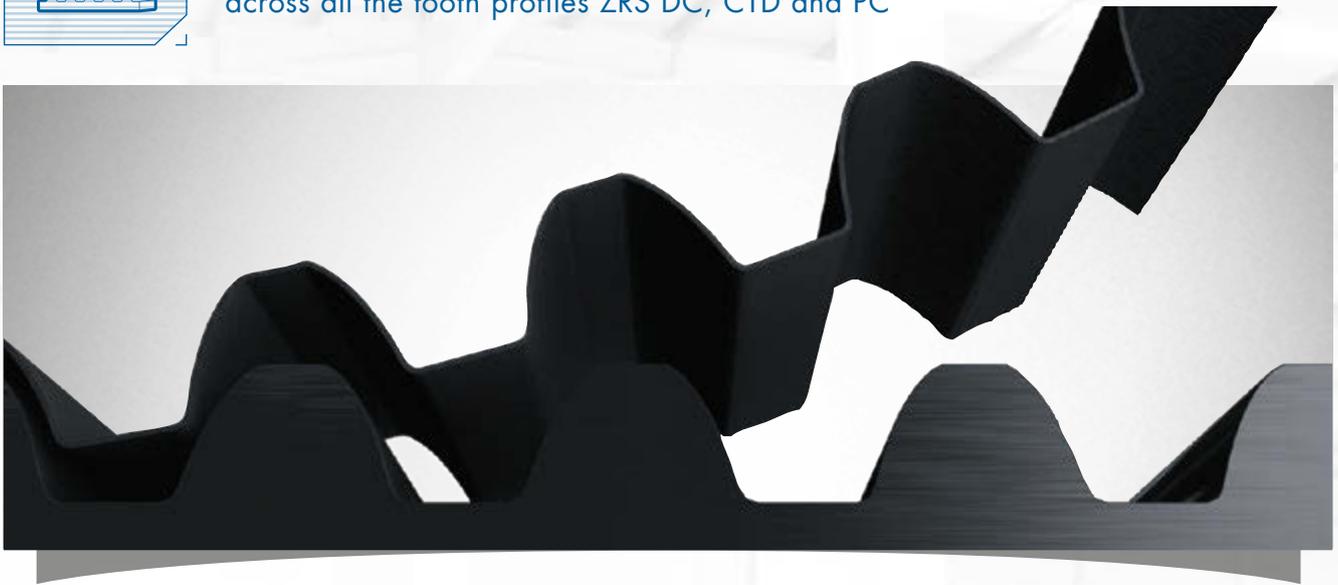


RISTICS



OPTIMISED TOOTH SHAPE

for smooth tooth meshing and uniform distribution of force across all the tooth profiles ZRS DC, CTD and PC

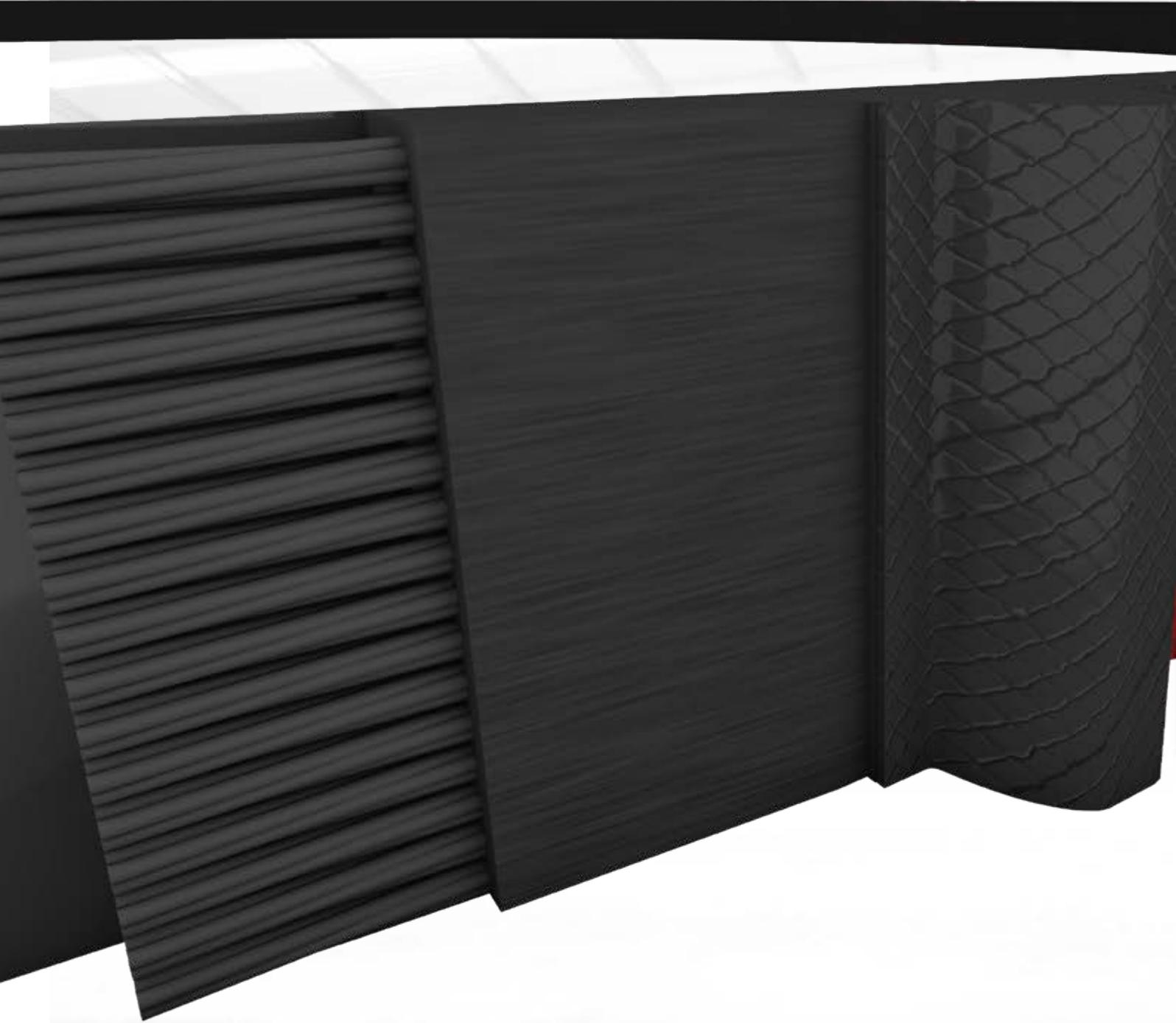


HIGH LEVEL OF RELIABILITY

in the event of any adverse effects resulting from oil, chemicals or ozone, for example

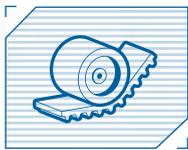


OUTSTANDING UNDER CONDITIONS, TEAR-



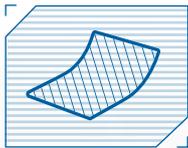
The innovative combination of materials with an extremely resistant polyurethane compound, an abrasion-resistant and specially treated polyamide fabric, as well as the carbon fibre cord, make the **optibelt DELTA CHAIN Carbon** resistant to a wide range of chemicals, oils and fluids.

DER EXCEPTIONAL -RESISTANT



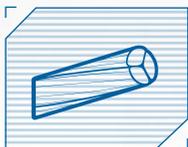
SMOOTH BELT BACKSIDE

to reduce running noise when using backside tension idlers



NEWLY DEVELOPED SPECIALIST WEBBING

for minimal wear and reduced running noise



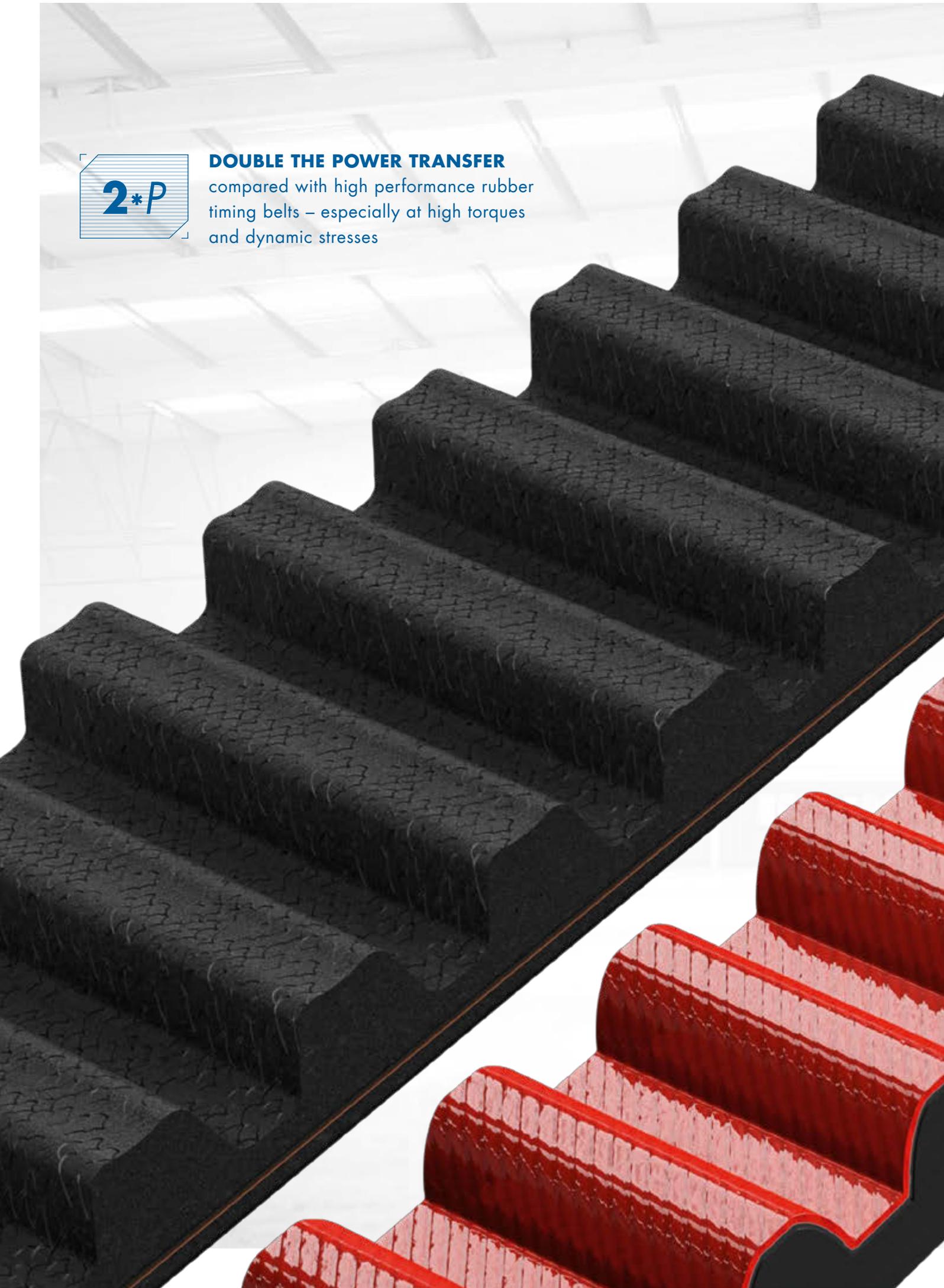
CARBON TENSION MEMBER

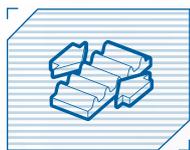
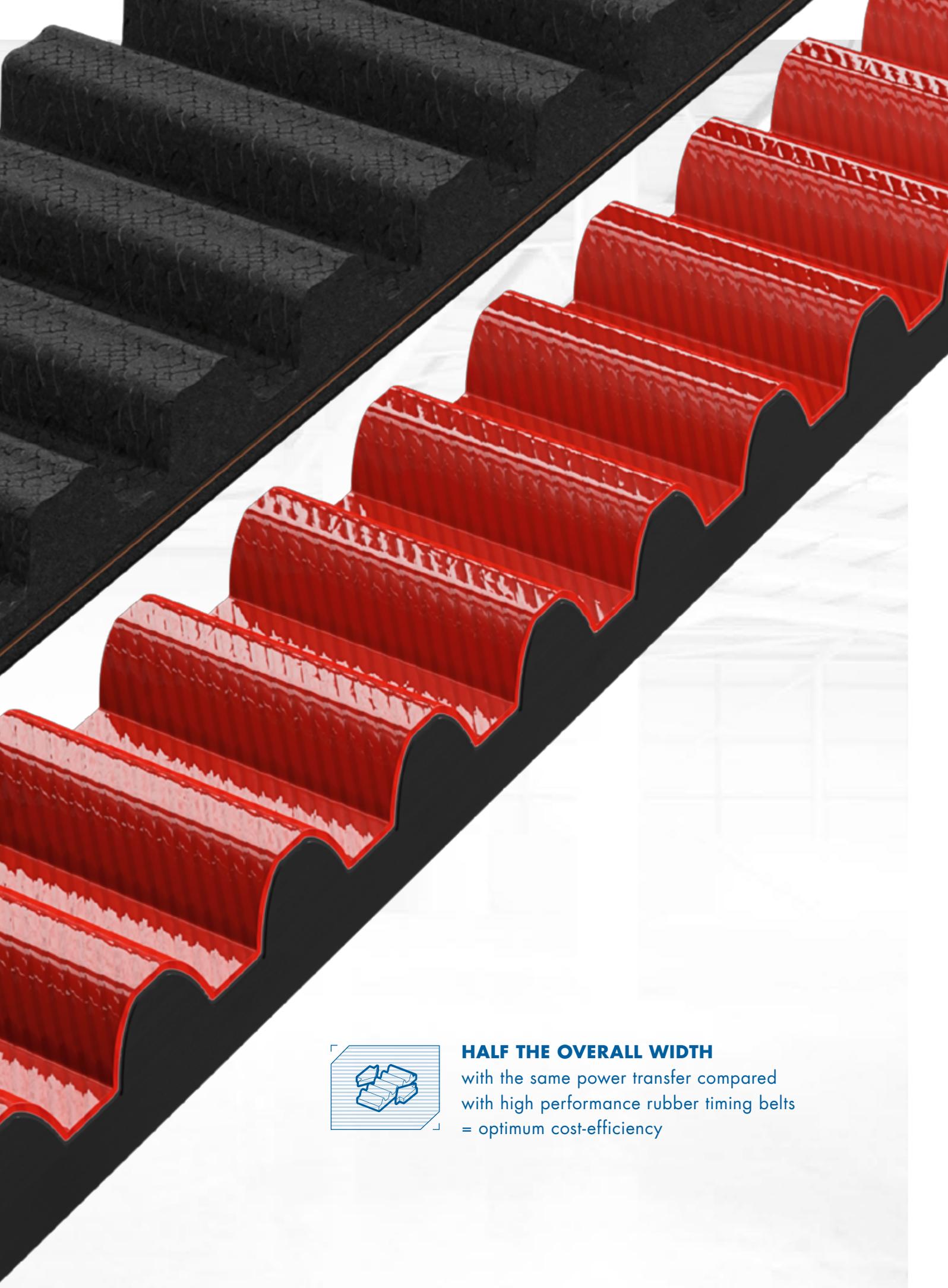
for maximum dimensional stability and ultimate tensile strength



DOUBLE THE POWER TRANSFER

compared with high performance rubber timing belts – especially at high torques and dynamic stresses





HALF THE OVERALL WIDTH

with the same power transfer compared
with high performance rubber timing belts
= optimum cost-efficiency

DRIVE FOR THE FUTURE

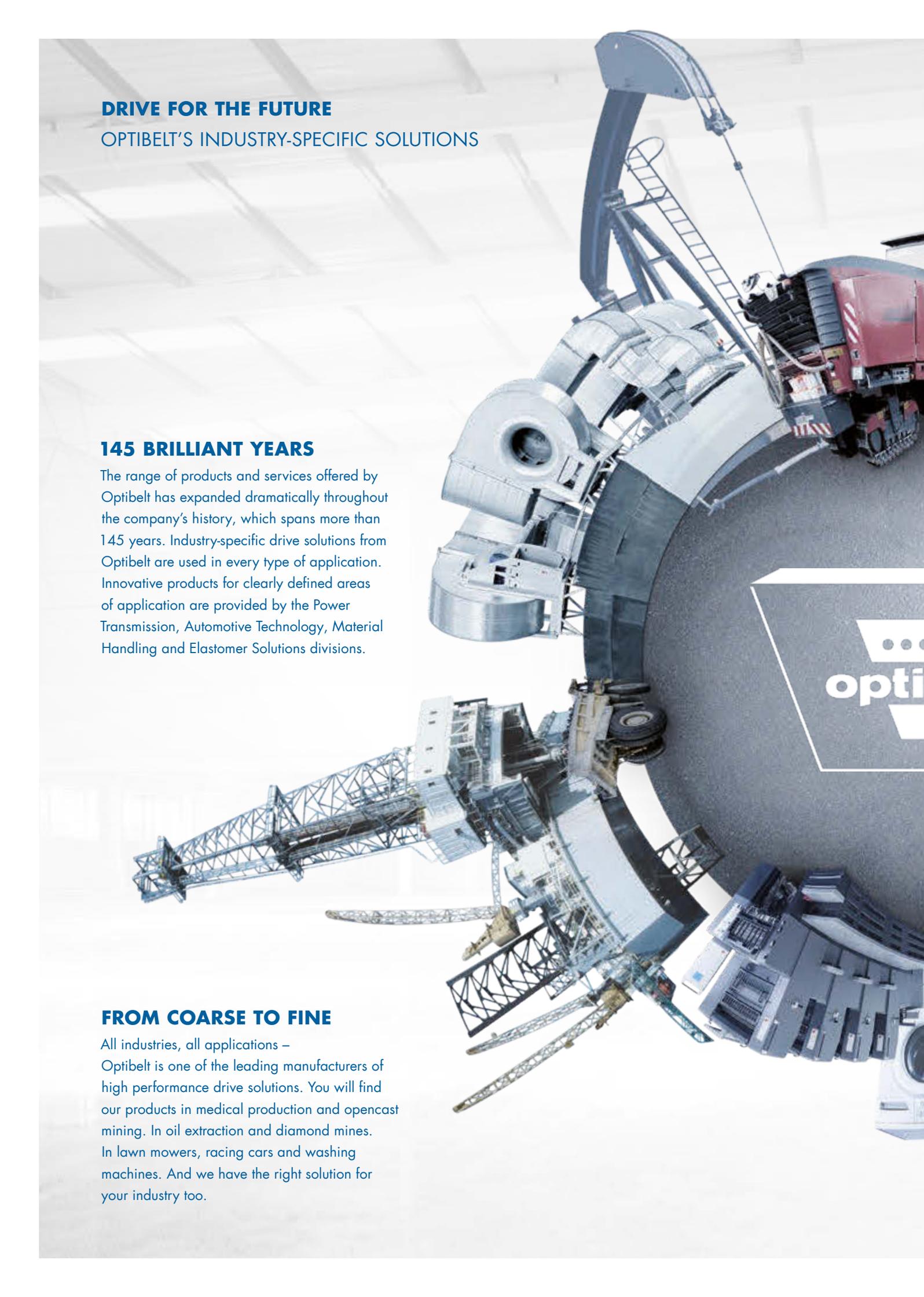
OPTIBELT'S INDUSTRY-SPECIFIC SOLUTIONS

145 BRILLIANT YEARS

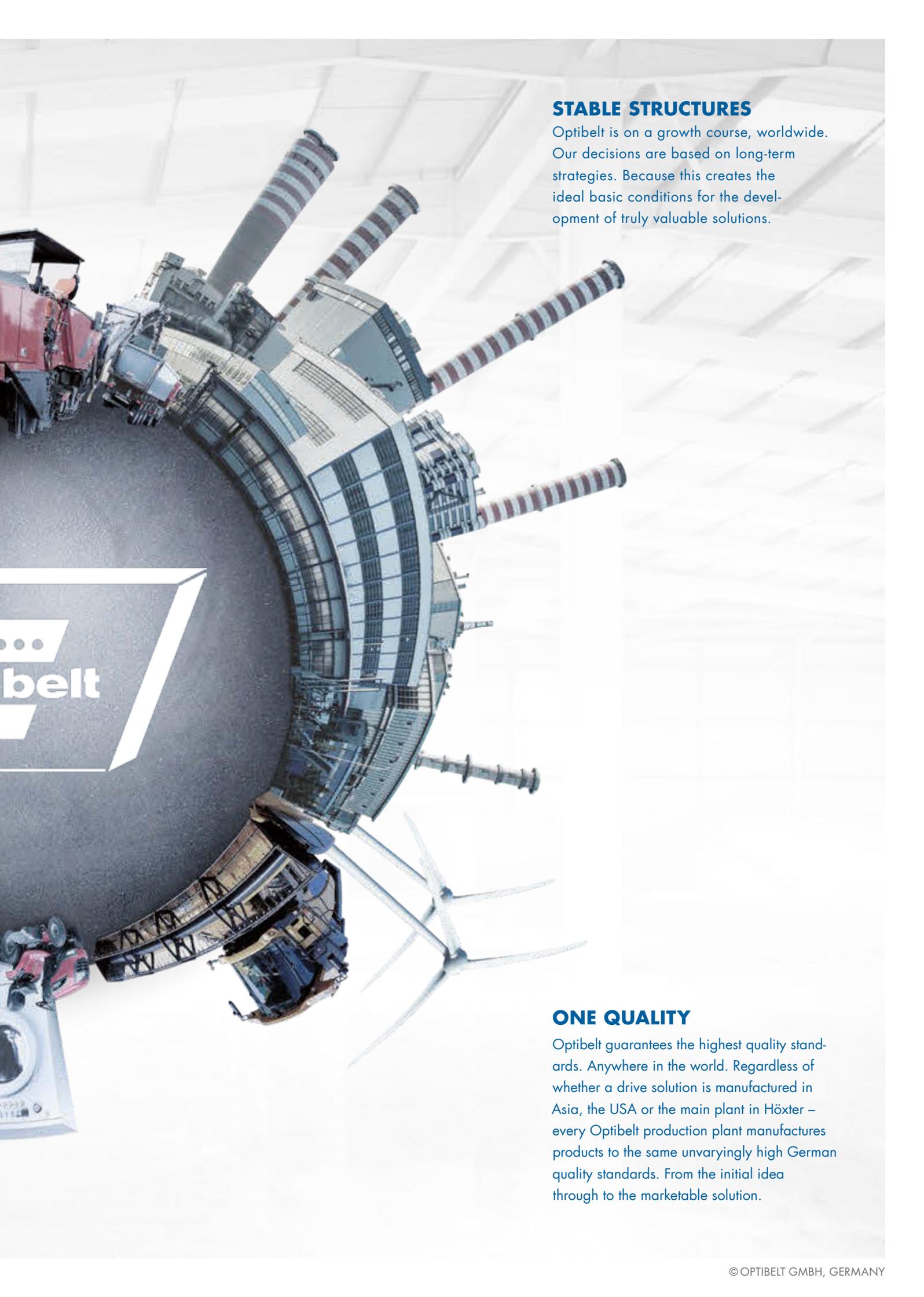
The range of products and services offered by Optibelt has expanded dramatically throughout the company's history, which spans more than 145 years. Industry-specific drive solutions from Optibelt are used in every type of application. Innovative products for clearly defined areas of application are provided by the Power Transmission, Automotive Technology, Material Handling and Elastomer Solutions divisions.

FROM COARSE TO FINE

All industries, all applications – Optibelt is one of the leading manufacturers of high performance drive solutions. You will find our products in medical production and opencast mining. In oil extraction and diamond mines. In lawn mowers, racing cars and washing machines. And we have the right solution for your industry too.



opti



STABLE STRUCTURES

Optibelt is on a growth course, worldwide. Our decisions are based on long-term strategies. Because this creates the ideal basic conditions for the development of truly valuable solutions.

ONE QUALITY

Optibelt guarantees the highest quality standards. Anywhere in the world. Regardless of whether a drive solution is manufactured in Asia, the USA or the main plant in Höxter – every Optibelt production plant manufactures products to the same unvaryingly high German quality standards. From the initial idea through to the marketable solution.

Optibelt GmbH

Corveyer Allee 15
37671 Hörter
Germany

T +49 5271 621
F +49 5271 976200
E info@optibelt.com



www.optibelt.com