



POWER TRANSMISSION

optibelt BLUE POWER 2



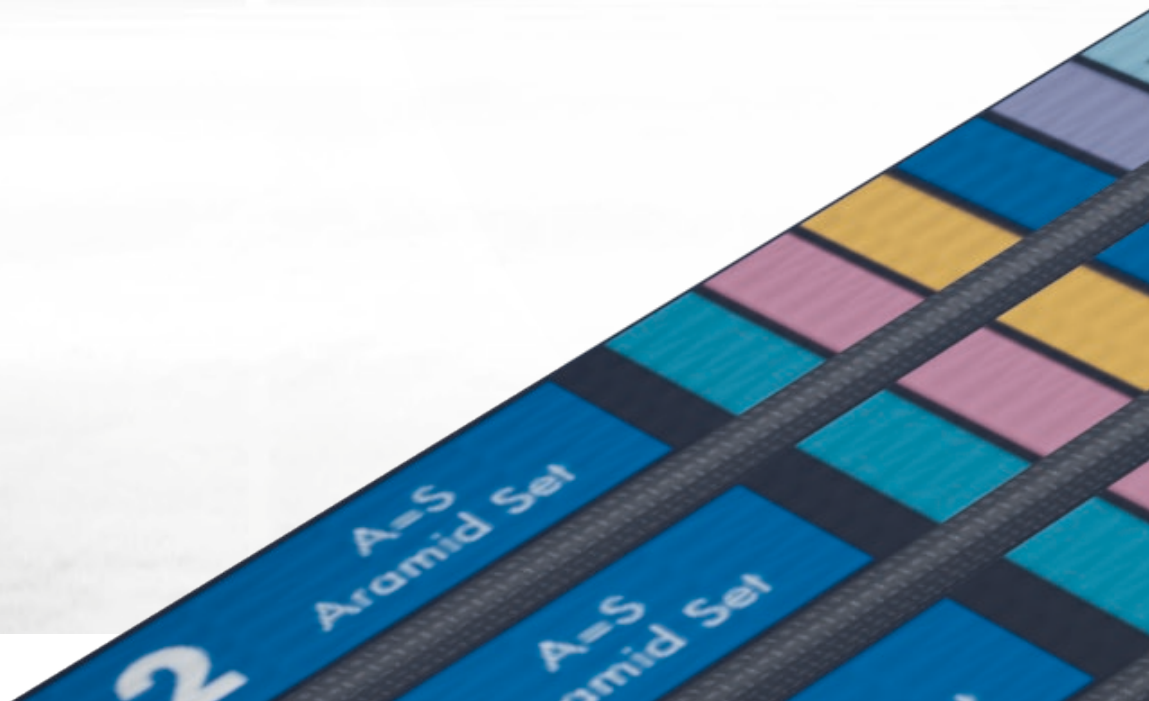
EASY SET CODING: THE PERFECT MATCH FOR YOUR DRIVE

THE PROBLEM SOLVER: **optibelt BLUE POWER 2**

High quality raw materials (such as EPDM and high-flex aramid tension cord) and an optimal manufacturing process results in increased power densities, wider temperature ranges and higher performance in the most demanding applications.

COMPACT: ULTIMATE PERFORMANCE IN CONFINED SPACES

optibelt BLUE POWER 2 V-belts allow for a compact and cost-effective drive solution, a reduced number of belts and the associated narrower drive pulleys.





SET CONSTANT WITHOUT MEASURING

Optibelt ensures that belts marked with the same colour code can be used unmeasured as a set.

Every **optibelt BLUE POWER 2** single belt and kraftband is colour set coded.

Each colour denotes a particular belt code used in a set.

Each colour indicates a specific length range within the V-belt tolerance range.

A PERFECT MATCH

Identifying the set with a particular colour code makes it quick and easy to combine multiple belts.

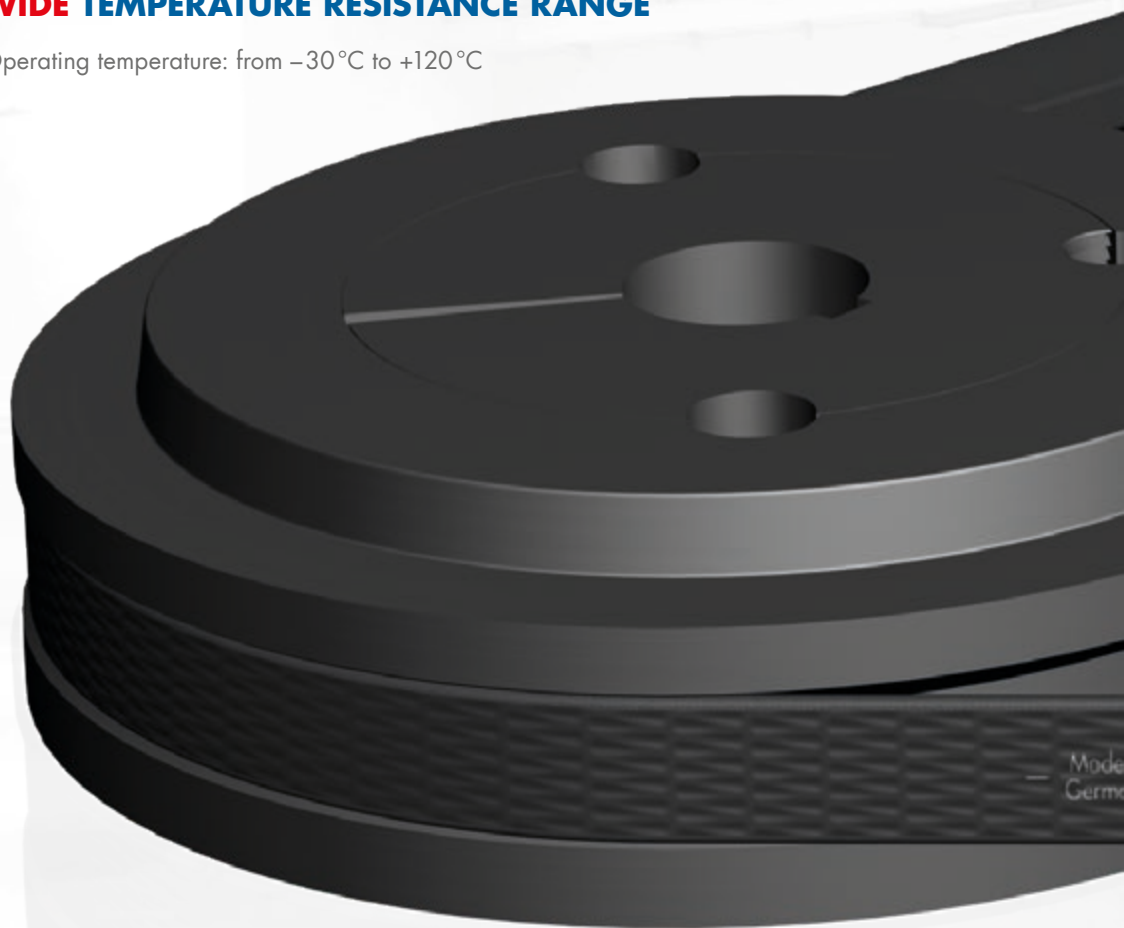


PERFECT FOR HIGH PERFORMANCE DRIVES



WIDE TEMPERATURE RESISTANCE RANGE

Operating temperature: from -30°C to $+120^{\circ}\text{C}$



STRONG IN HEAT AND COLD

optibelt BLUE POWER 2 V-belts ensure consistent power transmission at extreme temperatures.



LOW MAINTENANCE

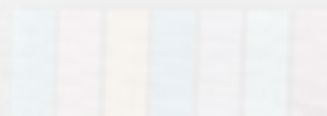
When correctly tensioned, **optibelt BLUE POWER 2** require less maintenance over their entire service life.
Less re-tensioning -> more production

MINIMAL BELT SLIPPAGE

The use of transverse orientated fibres in the base compound provides additional belt stability and reduced belt slippage for maximum speed transmission.



optibelt BLUE POWER 2 A-5 Aramid Set



SPB 2000
SPB 2000

PERFECT POWER TRANSMISSION

BETTER PERFORMANCE: HIGHER EFFICIENCY

With the **optibelt BLUE POWER 2**, an efficiency of 97% is achieved. Its high flex aramid tension cord and special friction optimised fabric ensure sustained power transmission.



HIGHER PERFORMANCE

More than doubled power compared to standard V-belts.

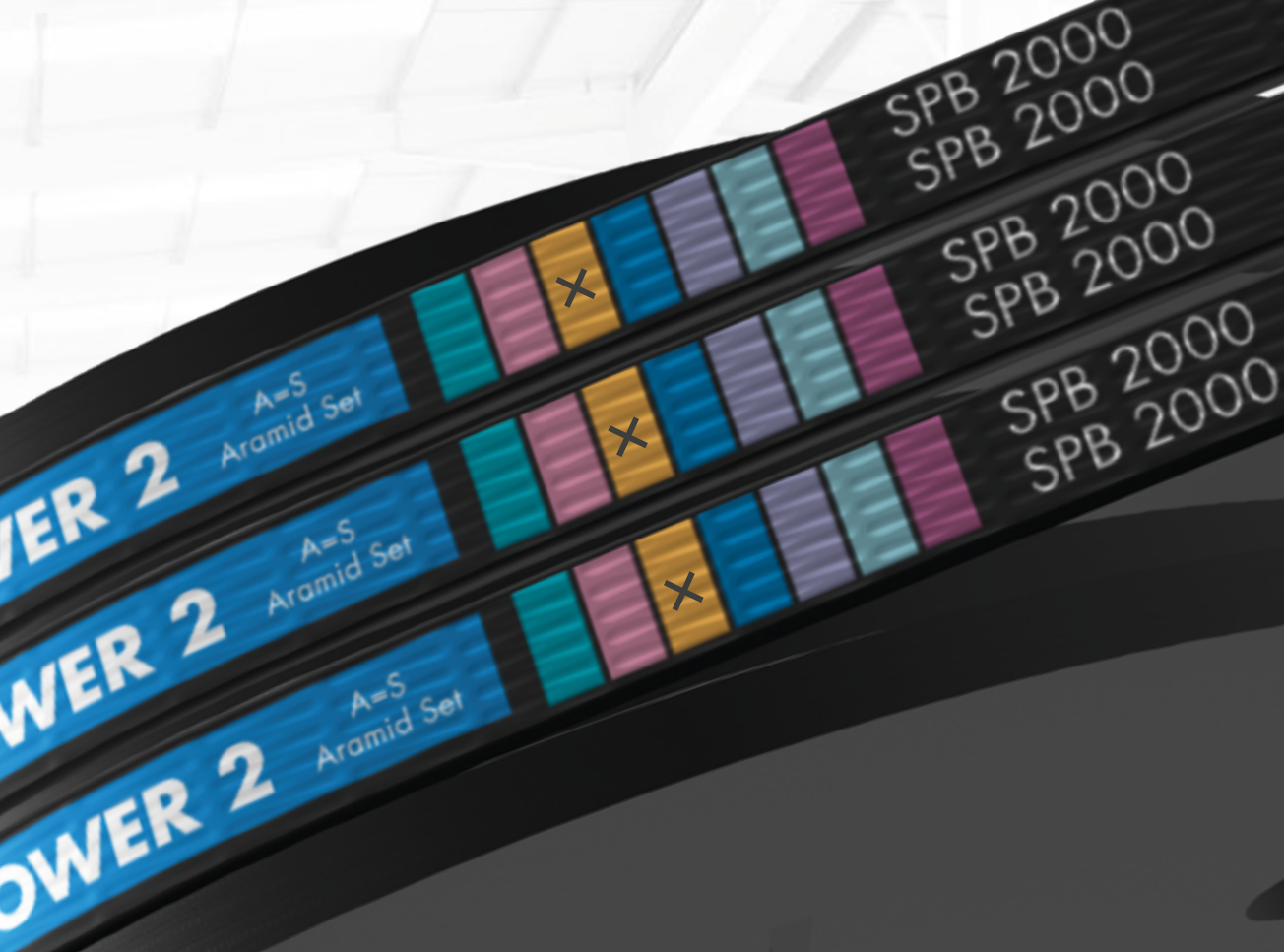
Contact us to see how **optibelt BLUE POWER 2** can increase your productivity.

Attention: When changing the equipment of an existing drive, the belt tension needs to be recalculated by Optibelt engineers



POWERFUL TO THE LIMIT

The higher power ratings of **optibelt BLUE POWER 2** (compared to other V-belts) allow for a lower number of required V-belts. This means narrower pulleys can be used, resulting in further significant cost savings.



MORE POWER – GREATER EFFICIENCY

Up to 97% efficiency can be achieved with this V-belt.

PERFECT FOR DEMANDING APPLICATIONS

COVER FABRIC

Rubber-coated fabric cover for high wear resistance, special fabric construction for increased flexibility

TENSION CORD

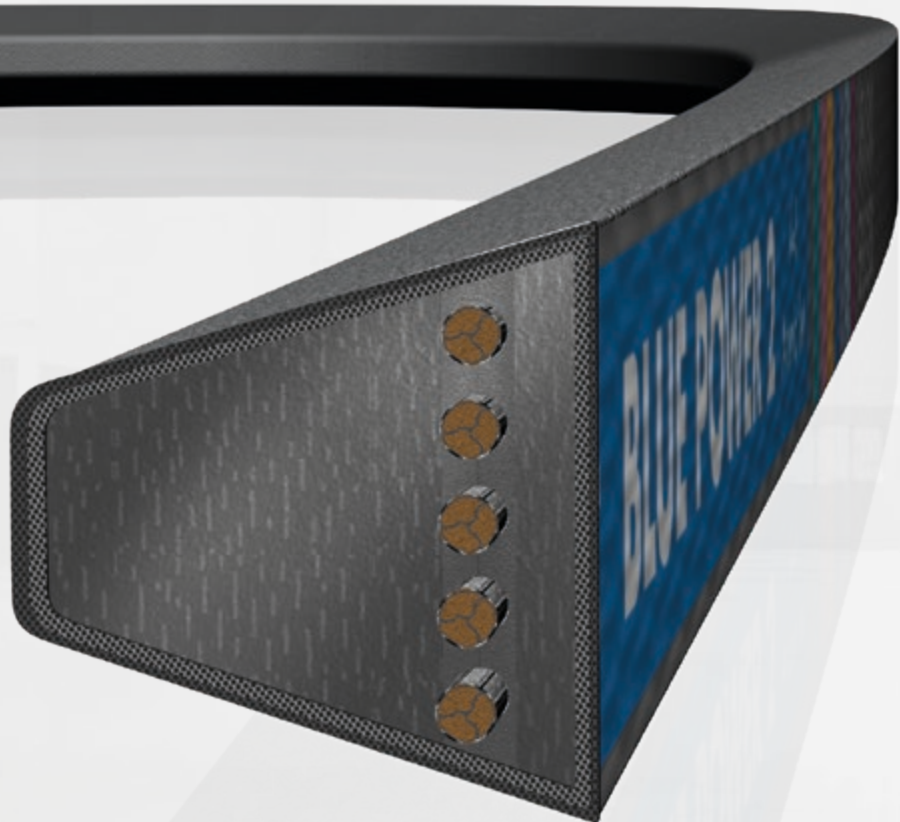
High-flex aramid tension cord for less flex fatigue

SUPERSTRUCTURE

High-quality ethylene propylene (EPDM) mixture with transverse fibres

BASE COMPOUND

Ethylene propylene (EPDM) mixture with transverse fibres for increased transverse rigidity and improved cord support



IDEAL APPLICATIONS

- Critical drive systems
- Special machines
- Agricultural machinery
- Heavy-duty machinery

V-BELT PROFILES/SIZES

SPB	1800 – 21000 mm
SPC	1900 – 21000 mm
5V/15N	71 – 826 in
8V/25N	75 – 826 in

Other sizes available on request

KRAFTBAND PROFILES/SIZES

SPC KB	2000 – 12000 mm
5V/15J KB	80 – 492 in
8V/25J KB	80 – 826 in

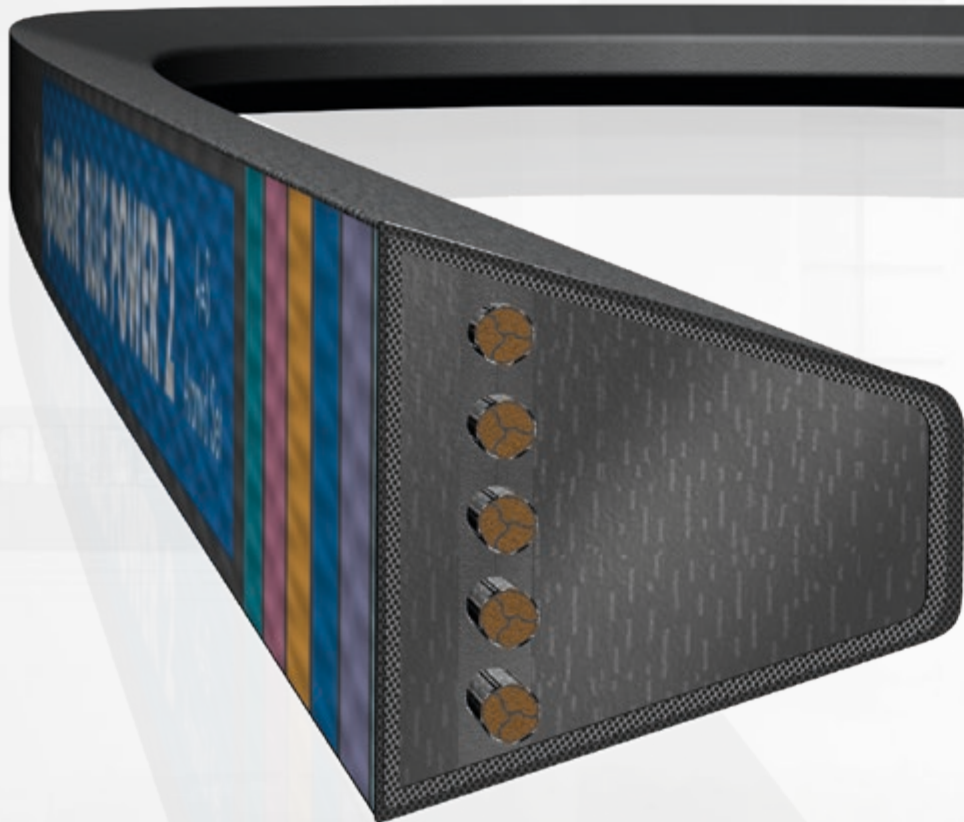
Other sizes available on request

PROFILES/MINIMUM PULLEY-Ø KR

SPB	180 mm
SPC	280 mm
5V	191 mm
8V	355 mm

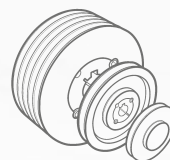
PROFILES/MINIMUM PULLEY-Ø KB

SPC KB	315 mm
5V KB	212 mm
8V KB	450 mm



V-GROOVED PULLEYS

SPB/SPC pulleys available for finished bore or Optibelt taper bush; special pulleys on request



optibelt BLUE POWER 2

Structure in cross-section



DRIVE FOR THE FUTURE

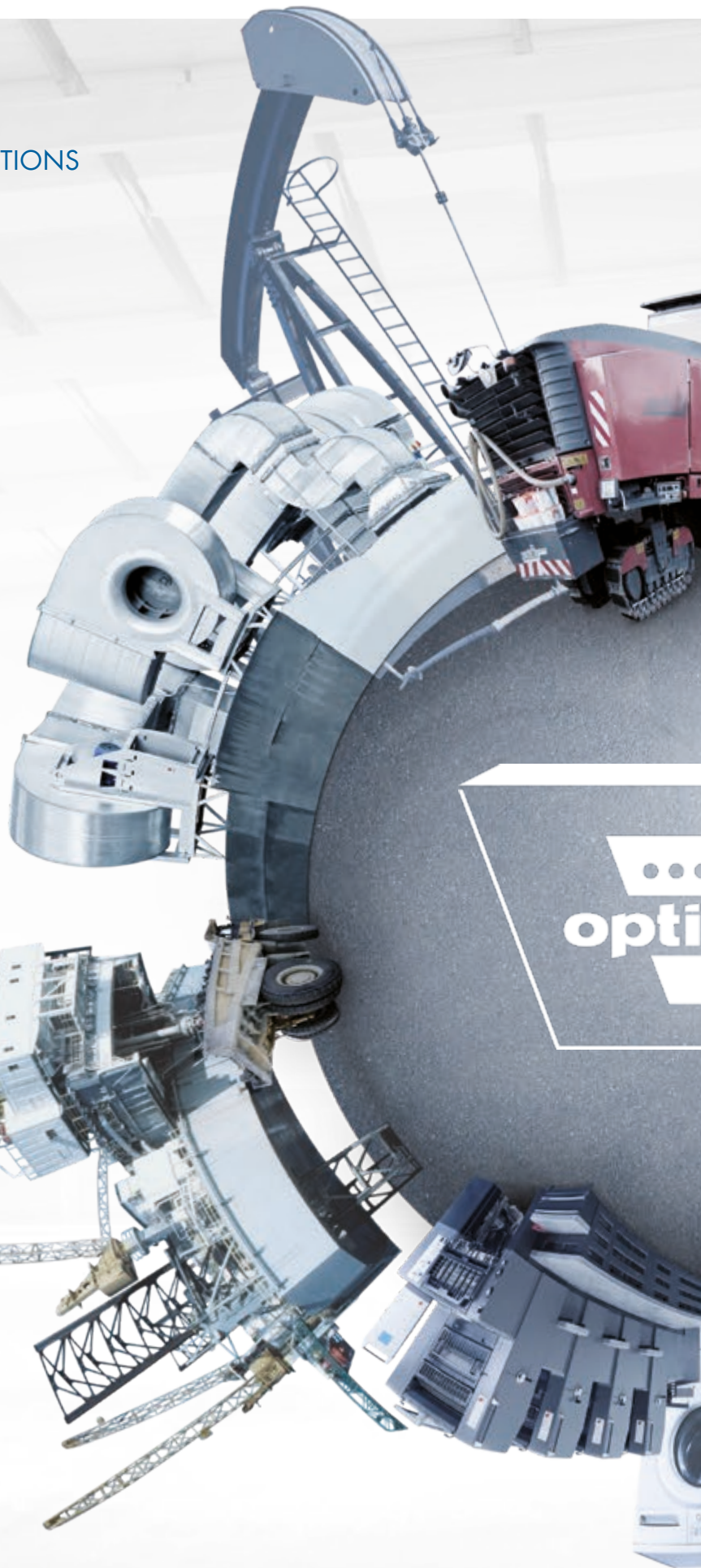
OPTIBELT'S INDUSTRY-SPECIFIC SOLUTIONS

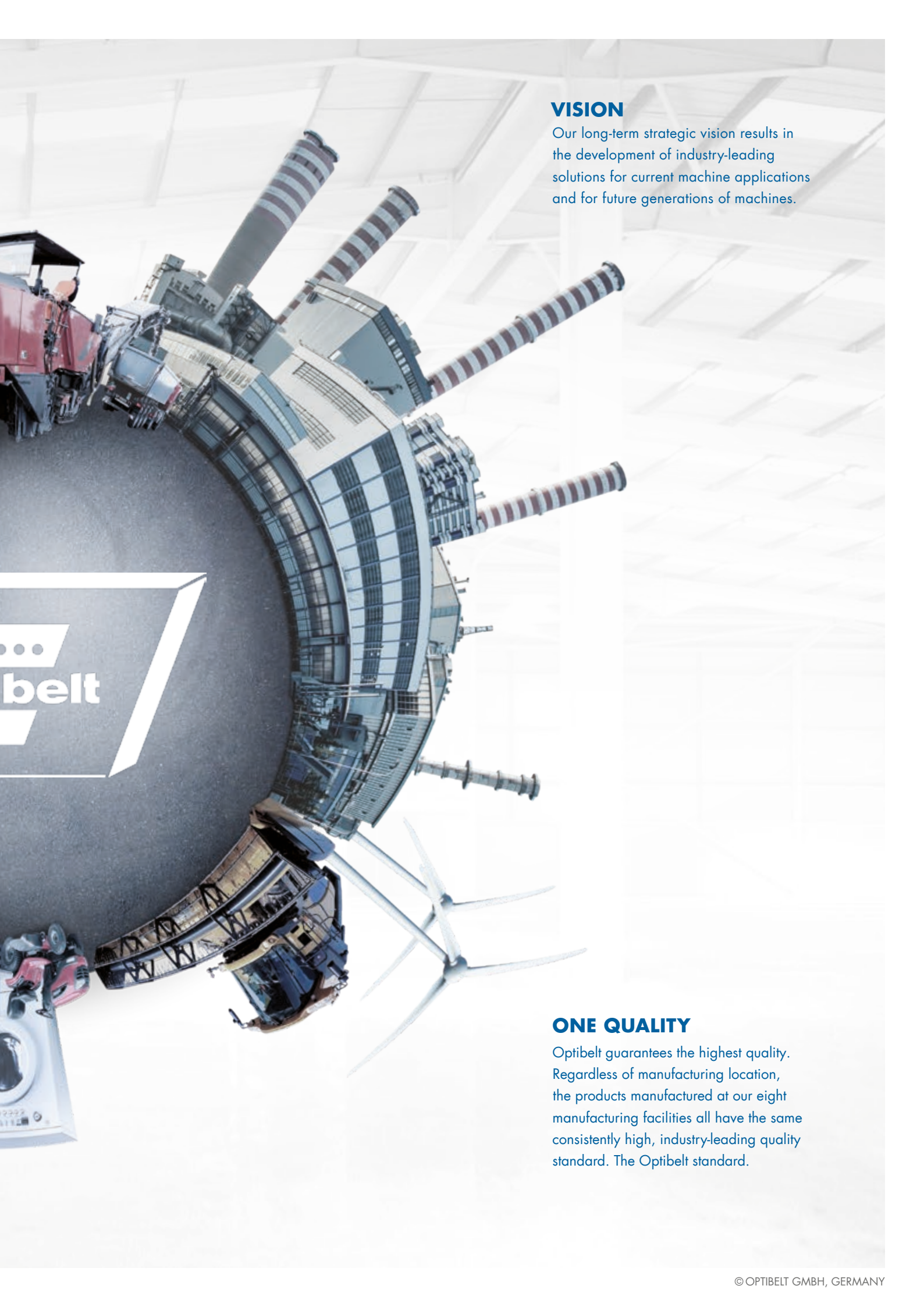
150 BRILLIANT YEARS

With almost 150 years of development experience in a vast range of industries, Optibelt products can be used in every type of application. Our four main divisions (Power Transmission, Automotive Technology, Material Handling and Elastomer Solutions) are each able to tailor a solution for your needs and your industry.

A SOLUTION FOR EVERY PROBLEM

All industries, all applications – Optibelt is one of the leading manufacturers of high-performance drive solutions. You can find our products in industries as diverse as pharmaceutical and medical, mining, oil and gas, lawn and garden, agriculture, food production, and laundry machinery. Optibelt has the right solution for your industry and your application.





VISION

Our long-term strategic vision results in the development of industry-leading solutions for current machine applications and for future generations of machines.

ONE QUALITY

Optibelt guarantees the highest quality. Regardless of manufacturing location, the products manufactured at our eight manufacturing facilities all have the same consistently high, industry-leading quality standard. The Optibelt standard.

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