



POWER TRANSMISSION

**optibelt SUPER XE-POWER PRO M=S**



**THE  
PEAK PERFORMER**

# PERFECT FOR COMPACT DRIVES

## GETS YOU MOBILE WHEN OTHERS GET TIRED

The new **optibelt SUPER XE-POWER PRO M=S** is one of the most efficient drive belts on the market. The innovative design of the **optibelt SUPER XE-POWER PRO M=S** opens up new freedom in the design of non-positive drives, even on the smallest pulley diameters, in extreme temperature ranges and at the highest speeds.

## FIT FOR BACK IDLERS

Enables extremely compact drive designs



## COMPACT: PERFORMANCE ON THE SMALLEST PULLEYS

The new tooth shape, developed by FEM modulation and practical tests, still enables very small minimum pulley diameters on internal pulleys. In addition and new is that the **optibelt SUPER XE-POWER PRO M=S** is also suitable for external pulleys. This is the prerequisite for designing more compact drive units.

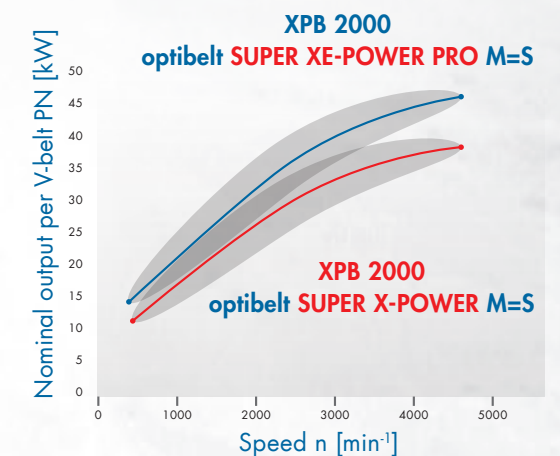
## MAXIMUM PERFORMANCE

Very quiet running even at very high torque levels



## TOTALLY VERSATILE: ANYTHING BUT CONVENTIONAL

**optibelt SUPER XE-POWER PRO M=S** can be used unmeasured in sets and is predestined for mechanical engineering and special machinery: ideal for compressors, fans, pumps, lathes and drills and all other application scenarios where compact drive systems are required.





TEMPERATURE-RESISTANT: HOT FOR TOP PERFORMANCE

In the case of the **optibelt SUPER XE-POWER PRO M=S** this applies in the truest sense of the word: Thanks to its extraordinary temperature resistance, it delivers optimal power transmission at a temperature range of  $-40\text{ }^{\circ}\text{C}$  to  $+120\text{ }^{\circ}\text{C}$  – also and especially with small pulley diameters or high motor speeds.

POWERFUL: A CLEVER CONSTRUCT

The high performance values of the **optibelt SUPER XE-POWER PRO M=S** are achieved by specially efficient and low elongation cords combined with a tooth shape optimised for dynamic loads. The innovative red cushion compound ensures the tension cord always grips perfectly and provides the highest durability and belt performance. The EPDM compound with crosswise fibre reinforcement ensures optimal flexibility with increased lateral stability.

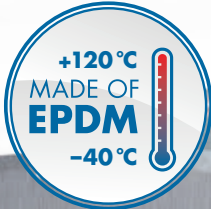


EXTREMELY POWERFUL

+ 20 % power compared to  
**optibelt SUPER X-POWER M=S**

EXTREMELY TEMPERATURE-RESISTANT

Extremely effective from  $-40\text{ }^{\circ}\text{C}$  to  $+120\text{ }^{\circ}\text{C}$



PERFECT  
FOR HIGHEST  
SPEEDS



# PERFECT FOR MAINTENANCE-FREE EFFICIENCY

## ECONOMICAL AND MAINTENANCE-FREE

Long service life, very quiet running  
with existing drives

**maintenance-free**

## MAINTENANCE-FREE: IT HAS NO TIME FOR SERVICE

**optibelt SUPER XE-POWER PRO M=S** can be used unmeasured in sets and drastically reduces service intervals and downtime. With maintenance-free performance and a much higher service life compared to conventional drive belts, the **optibelt SUPER XE-POWER PRO M=S** does not have much time for service or maintenance intervals.

**ECONOMIC: SERVICE LIFE. PERFORMANCE. RUNS!**

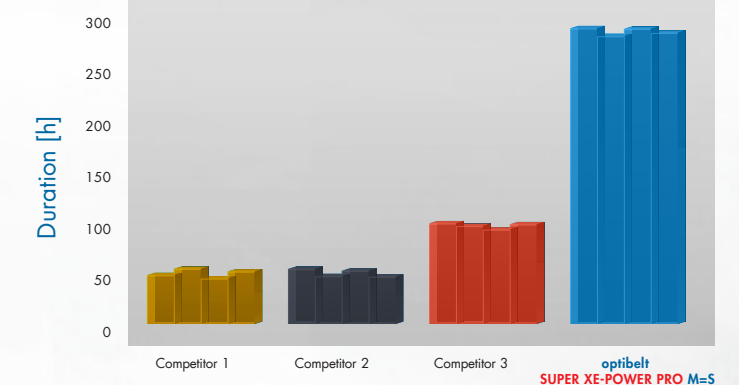
**optibelt SUPER XE-POWER PRO M=S** saves space and weight on the drive design and ensures a more efficient, more economical performance. Its innovative design ensures the ultimate running performance.

## INNOVATIVE AND LONG-LASTING

Highly efficient for new, innovative drive concepts

## BACK IDLER TEST

Test measurement: XPB 2000





# PERFECT FOR EVERY USE

## IDEAL IN MECHANICAL ENGINEERING AND SPECIAL MACHINERY MANUFACTURING

- Compressors
- Fans and ventilators
- Soil compactors
- Pumps
- Wood processing machinery
- High-power saws
- Specialist machinery
- Tool machines
- Lathes and drills
- Grinding machines

## PROFILES/DIMENSIONS

|          |              |
|----------|--------------|
| XPZ      | 587–3556 mm  |
| XPA      | 707–3556 mm  |
| XPB      | 1250–3556 mm |
| XPC      | 2000–3556 mm |
| 3VX/9NX  | 25–140 in    |
| 5VX/15NX | 50–140 in    |
| X13      | 566–3538 mm  |
| X17      | 579–3551 mm  |

Other sizes on request

### COVER FABRIC

Wear-resistant and long-lasting

### POLYESTER CORD

Low elongation for maintenance-free drives

### CUSHION COMPOUND

The red EPDM cushion compound ensures the tension cord grips perfectly

### BASE

Optimised EPDM compound with crosswise fibres for ultimate lateral stability

### TEETH

Innovative tooth shape due to FEM modulation and practical tests

### CUSHION COMPOUND

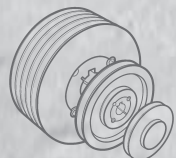
The classic profile is recognisable by the black EPDM cushion compound.

# NEW

NOW AVAILABLE WITH CLASSIC PROFILE

### V-BELT PULLEYS

All standard pulleys, special pulleys on request



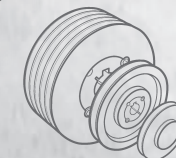
### optibelt SUPER XE-POWER PRO M=S

Raw-edged and interlinked in cross-section



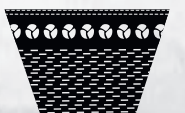
### V-BELT PULLEYS

All standard pulleys, special pulleys on request



### optibelt SUPER XE-POWER PRO M=S

Classic V-belt in cross-section





THE WORLD IS MOVING – AND WE ARE DRIVING IT FORWARD. THE OPTIBELT INDUSTRY SOLUTIONS ARE USED WORLDWIDE AND IN AN IMPRESSIVE VARIETY. INDIVIDUALLY CONCEIVED FOR A WIDE RANGE OF INDUSTRIES. PRECISE AND ECONOMIC.

### 150+ INGENIOUS YEARS

In the company's history spanning over more than 150 years, the Optibelt performance spectrum has grown enormously. Industry-specific drive solutions from Optibelt are used for every application. The divisions of Power Transmission, Automotive Technology, Material Handling and Elastomer Solutions offer innovative products for clearly defined task areas.

### FROM COARSE TO FINE

All industries, all applications – Optibelt is one of the leading manufacturers of high performance drive solutions. You can find us in medical production and opencast mining. In oil extraction and in diamond mines. In lawnmowers, racing cars and dishwashers. We also have the right solution for your industry.

# DRIVE FOR THE FUTURE.

## THE OPTIBELT INDUSTRY SOLUTIONS.

### STABLE STRUCTURES

Optibelt is on a worldwide course for growth. We make decisions based on long-term strategies. Because that creates the ideal conditions under which really valuable solutions emerge.

### ONE QUALITY

Optibelt guarantees the highest quality standards. And does so worldwide. No matter whether a drive solutions is produced in Asia, the USA or at the parent plant in Höxter – every Optibelt production site manufactures according to the same consistently high German quality guidelines. From the initial idea to the market-ready solution.



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