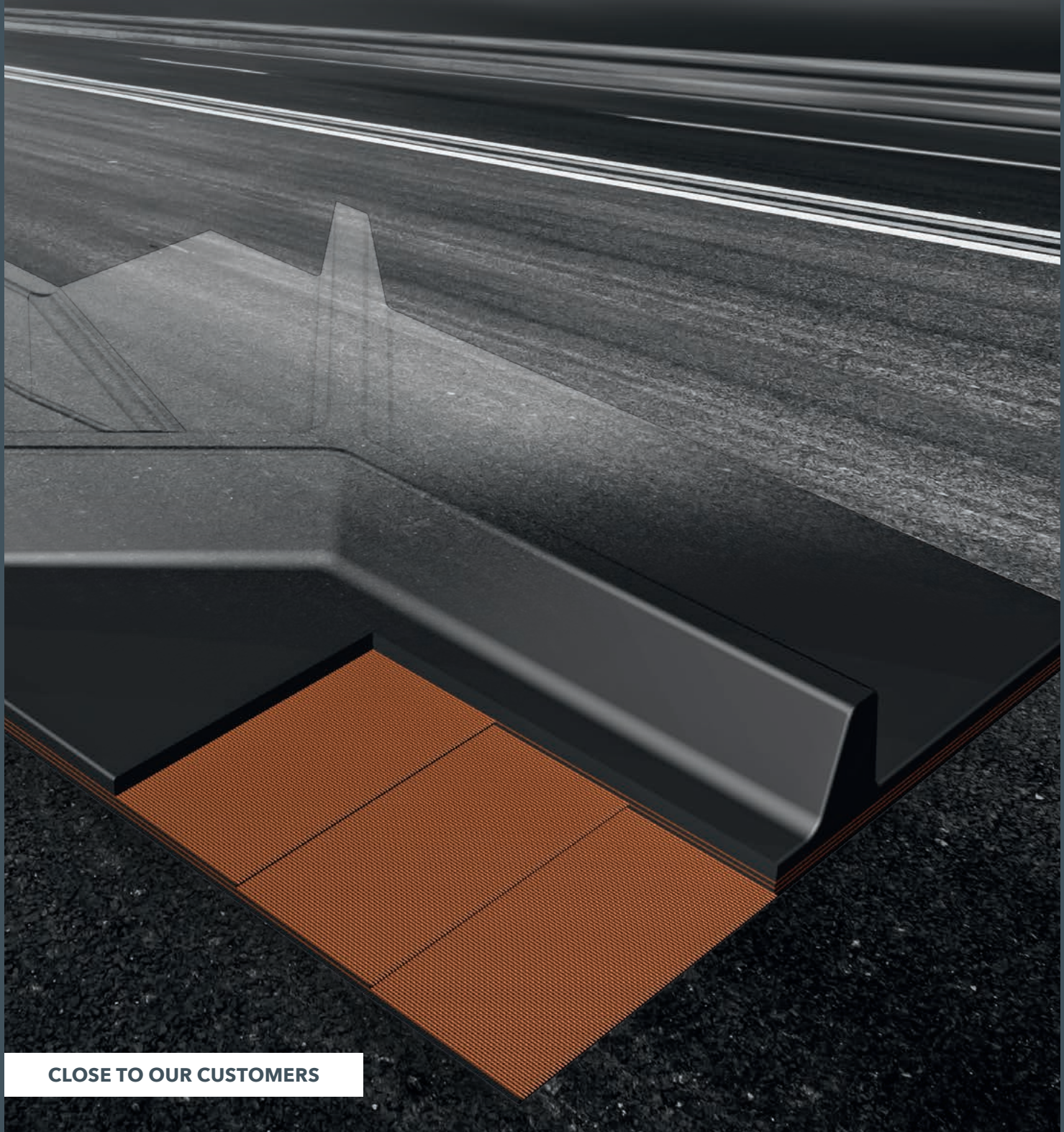




Original WIRTGEN  
**CONVEYOR BELTS**




**CLOSE TO OUR CUSTOMERS**

# STRONG AND STABLE - ORIGINAL WIRTGEN CONVEYOR BELTS

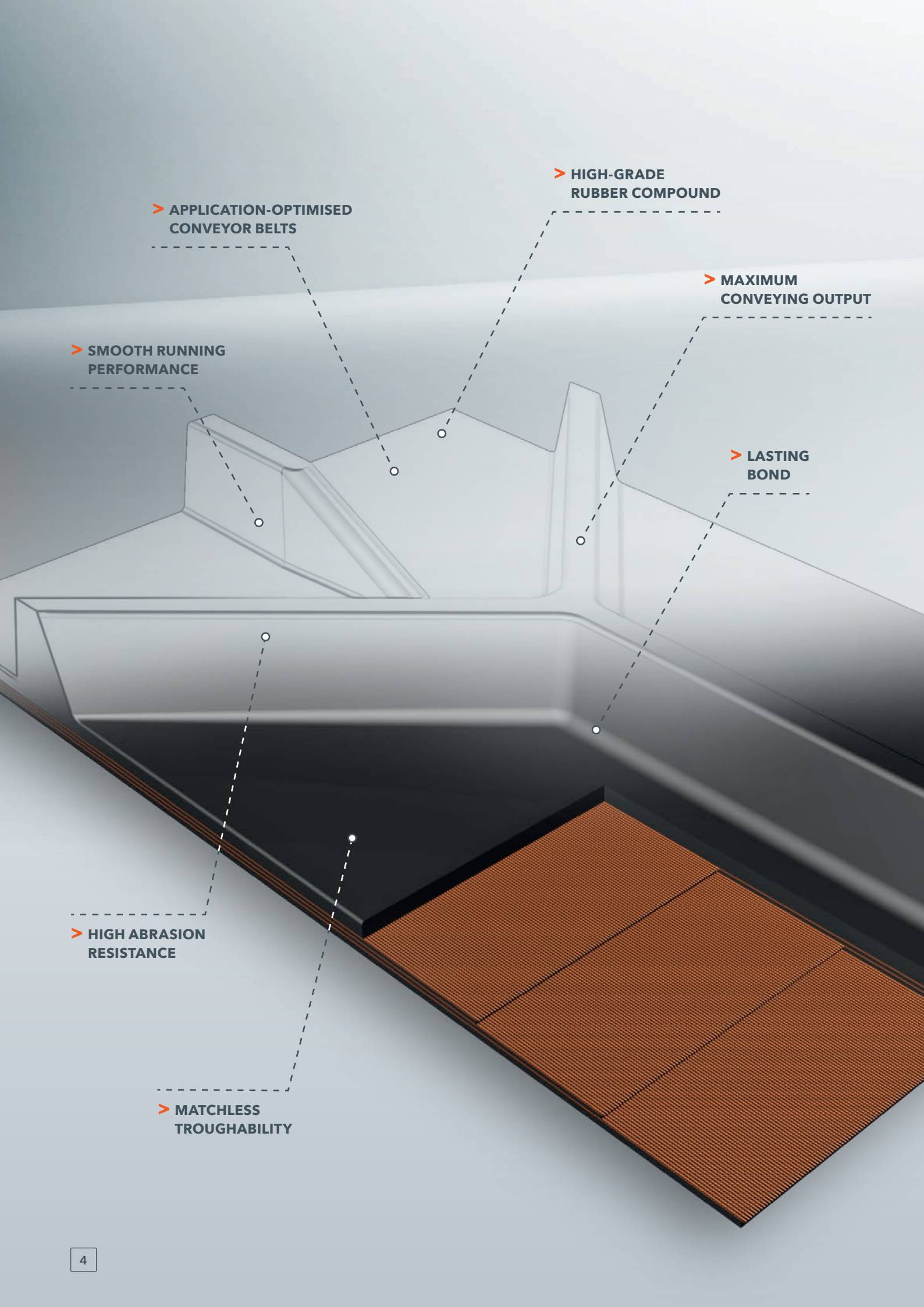
MAXIMUM CONVEYING OUTPUT,  
EXTREMELY TEAR-RESISTANT AND  
HIGHLY SMOOTH-RUNNING.



A line of Wirtgen cold milling machines and an Iveco truck are shown on a road at sunset. The machines are in the foreground, and the truck is in the middle ground. The sky is filled with orange and yellow clouds, and the road is wet, reflecting the light. The Wirtgen logo is visible on the side of the machines, and the Iveco logo is on the front of the truck.

THE MILLING PERFORMANCE OF WIRTGEN COLD MILLING MACHINES IS LARGELY DETERMINED BY THE OPTIMUM INTERACTION BETWEEN ALL COMPONENTS INVOLVED. TO ENSURE SUCH OPTIMUM PERFORMANCE, A HIGH EFFICIENT COLD MILLING MACHINE MUST FEATURE HIGH CONVEYING OUTPUT AND A RELIABLE CONVEYOR BELT SYSTEM WITH A MAXIMUM SERVICE LIFE.

WIRTGEN CONVEYOR BELTS IMPRESS THANKS TO HIGHLY SMOOTH RUNNING AND CONVEYING OUTPUT OF UP TO 1,000 TONS AN HOUR. -----



> APPLICATION-OPTIMISED  
CONVEYOR BELTS

> HIGH-GRADE  
RUBBER COMPOUND

> MAXIMUM  
CONVEYING OUTPUT

> SMOOTH RUNNING  
PERFORMANCE

> LASTING  
BOND

> HIGH ABRASION  
RESISTANCE

> MATCHLESS  
TROUGHABILITY

# Durable and high-performing HOT-VULCANISED CONVEYOR BELTS

## EXPERIENCE, EXPERTISE, SUCCESS

WIRTGEN develops conveyor belts using the hot vulcanisation method, thus ensuring a maximum service life.

Loading and discharge conveyors on WIRTGEN cold milling machines reliably convey highly abrasive materials quickly and safely, ensuring maximum conveying output.

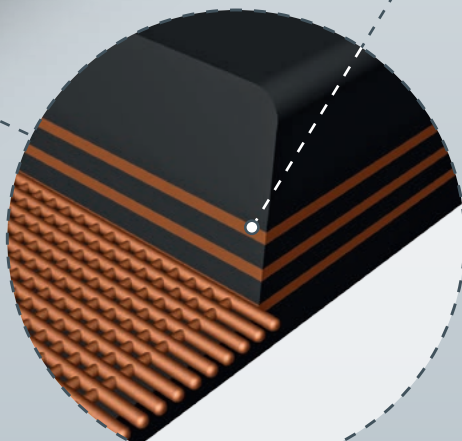
This is a circumstance which requires the maximum standards from the components involved. We thus recommend using our hot-vulcanised conveyor belts to provide reliable feeding systems and material transfer.

### The result:

- > Less downtime
- > Higher conveying output
- > Clean milling result



> **EXTREME TEAR AND TENSILE STRENGTH**



ANY QUESTIONS?  
CONTACT OUR EXPERTS  
ON THE SUBJECT.



> [www.partsandmore.net](http://www.partsandmore.net)



Good arguments for  
**PERFORMANCE  
AND LONG  
SERVICE LIFE**

> **MAXIMUM CONVEYING OUTPUT**

The optimised cross-section with integrated longitudinal seal and very high conveyor cleats ensures maximum conveying output.

> **LASTING BOND**

The conveyor cleats and surface course are produced in a single manufacturing step and form the profiled base layer. All genuine WIRTGEN conveyor belts comprise an endless loop thanks to hot vulcanisation and provide an optimum, long-lasting bond in comparison to conveyor belts bonded in a cold vulcanisation or mechanical process.

> **APPLICATION-OPTIMISED CONVEYOR BELTS**

The conveyor belts are adapted to comparatively small drive and return roller diameters. The optimum belt thickness and matched fabric layer are ideally suited to conveyor units on WIRTGEN machines. The belt and profile widths are also designed in perfect proportion to one another to provide high conveying output.



#### > EXTREME TEAR AND TENSILE STRENGTH

The superior tensile strength of up to 800 N per millimetre of belt width ensures a significantly higher tear resistance. The belt comprises an asphalt-resistant upper layer, an elastic intermediate layer, tear-resistant polyester-polyamide fabric layers and a base layer with an optimised coefficient of friction.

#### > HIGH-GRADE RUBBER COMPOUND

The high quality is assured thanks to the use of carefully selected materials in the rubber compound and no filler materials. Added ozone protection ingredients provide high ozone resistance, thus preventing premature ageing.

#### > SMOOTH RUNNING PERFORMANCE

The special profile in the heavy-duty rubber compound ensures smooth running in return flow. The endless belt is manufactured in a precise cast, thus providing an immaculate profile, even in the seam section.

#### > HIGH ABRASION RESISTANCE

The special rubber compound produces high abrasion resistance on the cleats and the conveying side, ensuring a long service life.

#### > MATCHLESS TROUGHABILITY

The elastic polyamide transverse fibres provide exceptional troughability. This results in optimal load distribution on the conveyor belt, ensuring load is uniformly applied across support rollers and garland rollers while a high conveyance cross-section provides high delivery rates.

**ANY QUESTIONS?  
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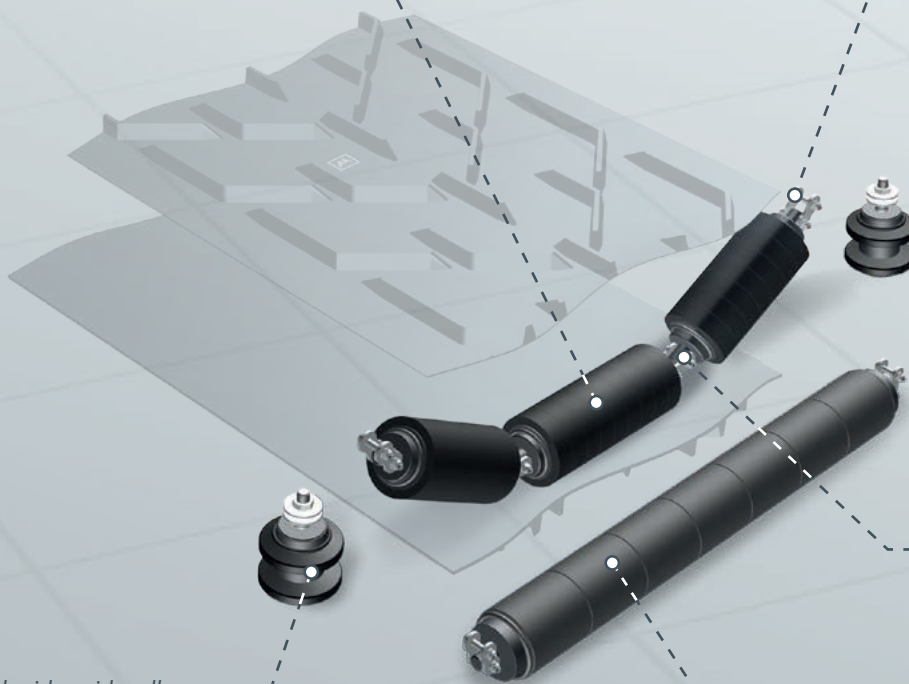


# THE PREMIUM COMPONENTS IN A CONVEYOR UNIT

## GUIDE AND SUPPORT ROLLERS

> Materials used with minimal friction coefficient reduce wear on the support rollers.

> Suspended garland rollers ensure automatic, trough-shaped belt adjustment and increase conveying output.



> High-quality heat-treated connecting elements for maximum load capacity of garland rollers move freely and avoid adhesion of asphalt.

> Durable side guide rollers help to centre the conveyor belt and ensure directional stability under challenging construction site conditions.

> Highly wear-resistant belt rollers made of a special polyurethane compound with low abrasion reliably support the belt in its return flow.



## HIGH DELIVERY RATE WITH LOW ENERGY INPUT

The optimum milling performance in WIRTGEN cold milling machines requires reliable milled material transport. A perfect interaction between all premium components is crucial to ensure high reliability and maximum performance. Besides the conveyor belt, the guide, support, drive and

return rollers play a major role in ensuring this and have been specially developed for this task. Genuine WIRTGEN components excel due to their low-friction flow and high-grade roller bearings.

## DRIVE AND RETURN ROLLERS

> The permanent bond between the rubber and metal ensures a long service life.

> Thick-walled special rubber compound in the drive rollers with safe power transmission ensures a long service life. The diamond design prevents adhesion of asphalt.

> A curved outer contour results in an accurate belt centring.


> Solid and open design principle supports the long-term dimensional stability even under extreme conditions and prevents adhesion of asphalt.

> The steel structure with support bars made of high-grade steel alloys and minimum manufacturing tolerances delivers reliable smooth running and a long service life.

ANY QUESTIONS?  
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**THE MANY YEARS OF PRACTICAL EXPERIENCE  
WE HAVE ACCUMULATED ON JOB SITES  
ACROSS THE WORLD ARE CHanneLED  
INTO THE DEVELOPMENT OF OUR  
WIRTGEN GROUP ORIGINAL SPARE PARTS.**

Tailored precisely to the requirements of our powerful machines, they optimally support maximum machine performance.

With WIRTGEN GROUP original parts, you can feel secure in the knowledge that you are doing the best thing for your machine fleet. Even a short machine breakdown costs time and money. That's why you should trust in the benefits that can only be delivered by original parts, manufactured using the very latest production methods: the best quality for maximum reliability and long life.

**PROMPT DELIVERY**

Our local service specialists will give you comprehensive advice on your purchase and ensure that your order proceeds swiftly and smoothly. Our globally well organised spare parts store and our cleverly conceived logistics system enable us to ship the required original part promptly and reliably to anywhere in the world, even to countries with lengthy import procedures. The reliable WIRTGEN GROUP spare parts service will reach even the remotest of job sites.

WIRTGEN GROUP original parts - maximum reliability, long life and rapid availability.



WIRTGEN GROUP original parts  
**ONLY ORIGINAL PARTS  
WILL MEET YOUR  
REQUIREMENTS**

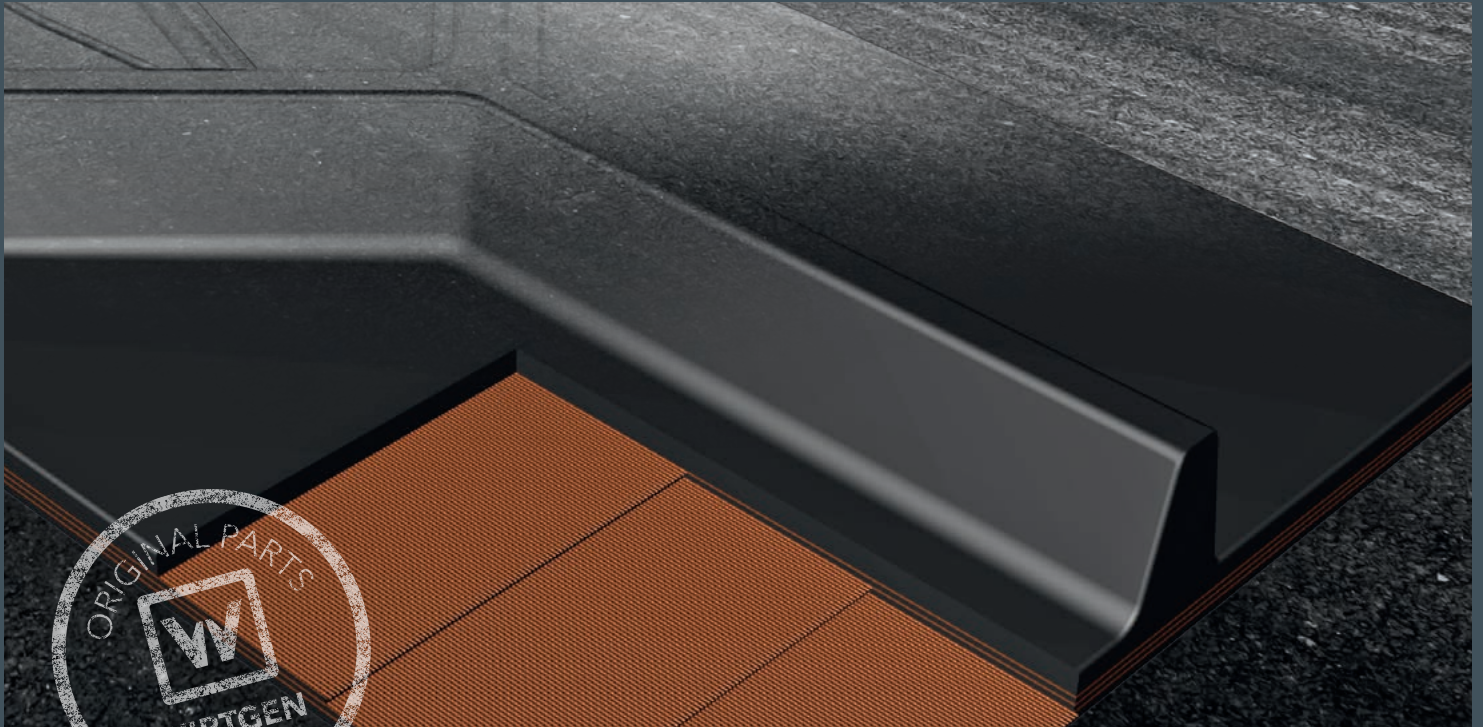
## HOW YOU BENEFIT

- > *HIGHEST QUALITY: For a long machine life*
- > *IDEAL AVAILABILITY: Rapid delivery thanks to high storage capacities and the very latest logistics*
- > *EXPERT ADVICE: Service specialists with sound technical knowledge*
- > *FIRST-CLASS SUPPORT: Fast, reliable order processing*
- > *IDEALLY SORTED: Extensive, thematically coordinated service and maintenance packages*





# WIRTGEN GROUP



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