

**INDUSTRIAL ROLLERS SERVICE**  
EXCEPTIONAL | HIGHLY EFFICIENT



**WESTLAND**

## WHERE WE COME FROM

There are various ways of approaching our business. For one point of view, Westland develops, produces and sells rollers – rubber covered steel cores with various types of surface finishes. From our perspective, the world of rollers is unique, interesting and exciting. It is not so much the roller itself that is so fascinating, but rather what it can do – much more than you might think.



Nearly every industry needs rollers that fulfil crucial functions in their specific production processes. Understanding these functions and transferring them to rollers is what we do every day. Developing solutions is our core expertise; working alongside others in a spirit of partnership is our most important goal.

With a consistent focus on customer benefits, Westland has become one of the world's leading providers of holistic designs for rollers. With 12 production sites in 10 countries, we can offer a local, on-site service.

### How we work

Our success comes from walking a mile in our customer's shoes. Without customer- and industry-specific knowledge, there is no way to provide expert solutions. That is why our conversations with you are more about your needs than about our rollers.

This is not to say that we don't like to talk about our product – we would be glad to do so, for example, during practical in-house training for your employees.

Westland partners know that if we don't already have a solution for you, we will find one – and not just any solution, but the right one.



# ROLLER COVERINGS

## MADE OF RUBBER, SILICONE AND PLASTIC



**R**oller coverings must be abrasion-resistant, dissipative, ozone- and temperature-resistant and conductive – preferably all of these at the same time.

Plasticisers, solvents and lacquers are some of the often aggressive media that rubber coating needs to withstand in customer applications. Acids, lye, oils and grease must not harm them either.

### Materials for Industrial Rollers<sup>\*)</sup>

- |                                     |                                |
|-------------------------------------|--------------------------------|
| ■ AU/EU Polyurethane                | ■ NBR Nitrile Butadiene Rubber |
| ■ CM Chlorinated Polyethylene       | ■ NK Natural Rubber            |
| ■ CR Chloroprene Rubber             | ■ SBR Styrene Butadiene Rubber |
| ■ CSM Chlorosulfonated Polyethylene | ■ SI Silicone                  |
| ■ EPDM Ethylene Propylene Rubber    | ■ Sponge Rubber Coverings      |

To develop elastomers for such complex rubber coverings, we need chemists with a decided flair for analytics – which we certainly have.

We have also known since 1920 that what makes the difference is not only using the best raw materials, but how they are combined.

<sup>\*)</sup> On request, we are happy to provide you with the current Product Portfolio for Industrial Rollers.

## YOU CAN COUNT ON US

**F**or us, versatile process engineering means providing roller coating systems that are optimally tailored to specific requirements – whether this means roller repair or system components, individual parts or series production. In specialised areas, such as small roller or large roller production, we succeed in achieving a coating quality that is the best technical and financial solution.



**W**e manufacture a wide variety of surfaces, including symmetrical, asymmetrical, grooved and profiled. State-of-the-art CNC-controlled machines and the skills of our employees ensure that each surface comes out of the grinding process exactly as required – not only when the roller is OEM manufactured, but again and again.

In order to ensure practical relevance, Westland makes sure to keep up with the developments in our customers' industries and ensure continuous transfer of expertise throughout the whole company group.

The Westland family also keeps thinking one crucial step ahead, with creative ideas or unconventional solutions for the tasks our customers set us.

### **Constantly high product quality thanks to perfect interaction of all components involved**

- Continuous Shot Blasting Machine

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- Round Table Coating Machines

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- Tailor-made Rubber Roller Coverings

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- Individual Strip Winding Units for Rubber and Silicone Coverings

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- Covermatic Crosshead Extrusion (KH100, KH200, KH300)

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- TDI Low-Pressure Metering Machines for processing Polyurethane (PUR) Roller Coverings

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- NC-controlled Cylindrical Grinding Machines

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- CNC-controlled Cylindrical Grinding Machines

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- CNC-Double Spindle Cylindrical Grinding Machines

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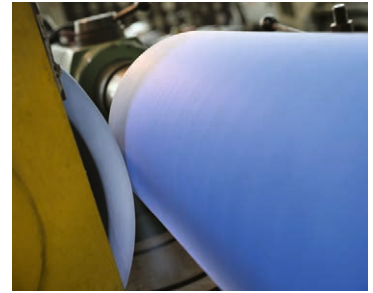
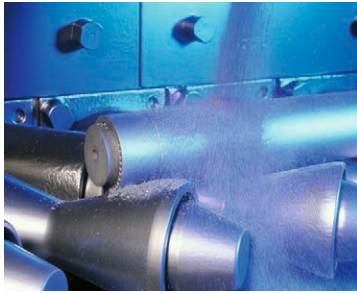
## Precisely coordinated

	Max. Finished Diameter	Max. Overall Length	Max. Weight
■ Small Roller Production	∅ 250mm	600mm	30kg
■ Roller Production	∅ 500mm	4.000mm	2.000kg
■ Large Roller Production	∅ 1.000mm	14.000mm	5.000kg

SMALL ROLLER PRODUCTION



ROLLER PRODUCTION



LARGE ROLLER PRODUCTION



# TRANSPARENCY AND SHORT ROUTES

## HAND-PICKED RELIABILITY



Control and inspection bodies are indispensable in roller production. Westland relies on sensor-controlled laser measurement technology, as well as the intuitive feel of its people.

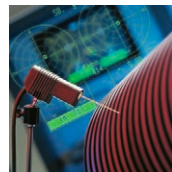
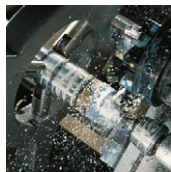
If something does not work out, we would rather notice it here on site than have our customers discover it during use. And because it is better to have things in black and white when it comes to roller quality, production stability and safety, you can request a test report for your Westland roller.

The way we perceive quality, processes should be transparent, and performance should be measurable. For this reason, all our business processes are supported by systematic quality management according to DIN EN ISO 9001:2015.



## Additional Services

- |   |                                |
|---|--------------------------------|
| ■ Repair of defective roller cores            | ■ Dynamic balancing            |
| ■ Dismantling and assembly of accessory parts | ■ Pick-up and delivery service |
| ■ Production of brand-new roller cores        | ■ Laboratory analysis          |



Since we love the challenge of a new task, we and our partners benefit equally. Peace of mind comes from knowing that Westland has been offering a first-class, industrial roller service throughout Europe for over 50 years.

Fast, short routes and sophisticated delivery logistics ensure that Westland rollers are on site when they are needed in your production.

**Get in touch with us.**

**letstalkabout@industriewalzen.de**

Or, to put it simply: we are a competent, quality-conscious, flexible and reliable partner for our customers.

And besides that, we are also nice people.

# THINK GLOBAL | ACT LOCAL ALWAYS THERE, WHERE YOU NEED US

- CN Westland (Taicang) Industrial Technology Co. Ltd. | 215400 Taicang
- CZ Ligum spol. s r.o. | 466 05 Jablonec nad Nisou
- DE Westland Gummiwerke GmbH & Co. KG | 49324 Melle
- DE Westland Walzentechnik GmbH | 48653 Coesfeld
- DE Westland - Konrad Wiese GmbH | 49584 Fürstenau
- ES Martín-Westland Soluciones Gráficas, S.L. | 28022 Madrid
- PL Ligum Pol Sp. z o.o. | 67-200 Głogów
- RUS Ligum | 115230 Moscow
- SK Ligum spol s r.o. | 058 02 Poprad 2
- TR Ligum A.Ş. | 34306 Başakşehir / İstanbul
- UA Ligum SP TzOV | 43020 Lutsk
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Members of the Westland-Group



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