

GLOBAL SERVICES FOR THE TYRE INDUSTRY



ALL AROUND THE GLOBE

we clean and manage moulds used by the most important tyre manufacturers. Our decision makers come directly from the industry and know the processes. As true insiders, we develop with knowledge and experience innovative business solutions in worldwide mould management – with cleaning technologies that meet the latest security standards. We are the partner of the leading enterprises in the industry. Trust in our world leading quality.

WE ARE PART OF A GREAT ALLIANCE

The LKY GmbH works in strong network
of the LY-Holding GmbH with knowledge and
experience for your success.

The LKY GmbH is the specialists for cleaning with dry ice and dry ice production. As part of the LY-Holding, we work with a lot of experience and joint knowledge for your success. LY-Holding GmbH is the service partner for the industry. With German-Turkish roots, it is a world-class corporation. More than 1,400 specialists are in operation around the world – wherever our customers need us.

We focus on your success: We tackle new challenges and implement them quickly, flexibly and reliably. Our service solutions are tailored to your needs and support your processes. The LY-Holding GmbH, every company and every individual employee stands for that. We grow day by day – together with you.

LY-Holding GmbH

LKY Wartungs- und Industrie-Service GmbH

» PARTNER OF THE TYRE INDUSTRY

Global Expertise in mould management and innovative business solutions.

» INDUSTRIAL CLEANING AND MAINTANANCE

On-site maintenance, operational safety and personal assistance.

» SYSTEMATIC CLEANING FOR RETURNABLE CONTAINERS

Your reliable partner for cleaning and sorting, storage and logistics.

LKY Kältetechnik und Dienstleistungs GmbH

» DRY ICE PRODUCTION AND BLASTING TECHNOLOGY

Gentle cleaning and production of high-tech cooling agents.

HKL Gummi- und Metallbearbeitungs GmbH

» RUBBER METAL COMPONENTS AND INSTALLATION SERVICES

Moulding and burr removing, installation and shipping for manifold products.

LY Lang & Yüzer Otomotiv A. S.

» SYNERGIES BETWEEN GERMANY AND TURKEY

Services for rubber and metal handling and dry ice technology.

SKK Scholz Werbende Verpackungen GmbH

» PACKAGING AND PRODUCT MARKETING SOLUTIONS

Smart packaging design and point-of-sale marketing concepts.



“Your tyres deserve optimal treatment.
Our mould management
concepts support your pro-
duction processes worldwide.”

- Edson de Almeida, General Manager
- Steffen Pluta, Business & Operations Director

OUR EXPERTS MAKE A DIFFERENCE

Experience and competence for
ground-breaking technologies.

The best business solutions for mould management are developed by tyre industry insiders. We recognized their potential and hired the wisest minds for our business. Our partners and customers are world leading tyre manufacturers. Our management is familiar with them and knows exactly what they need. In comprehensive local strategy meetings, we give decisive impetus for unique concepts. We are the number one in mould management for a reason: We have the right experts with the best solutions.

WORLD CLASS BUSINESS SOLUTIONS

Cleaning and maintenance
of moulds and components.

Our cleaning and maintenance services are thought-through business solutions, yet unpresented in the industry. With our innovative technologies, we are the partner of the most significant tyre companies and global market leader. In fully automated processes, we clean moulds and vents thoroughly, carefully and quickly. For maintenance purposes, we ensure that all components are used at the right time and in best condition. We support your processes with know-how and efficiency and ensure: Safety comes first in your working environment.



WE ARE YOUR PARTNER



Together we develop individual concepts
that meet the highest standards.

The best solutions are created as a team in intensive collaboration. We visit you at your plant and listen carefully to your needs. With knowledge and experience, we transfer your ideas into concepts, ideally fitting to your processes. We ensure that these inno-

vative solutions come to use exactly where you need them. The most important manufacturers trust in our know-how and installed our technologies in their plants all around the globe. They know: A close partnership with the global market leader is irreplaceable.



CO2 ROBOT TECHNOLOGY

Secure and efficient directly
on-line within the process.

Our specially developed CO2 robots clean tyre moulds efficiently and safely – regardless of tyre type or tread pattern. The flexible rotary head reaches every angle of the mould – the cleaning result is exact and uniform and not comparable to a simple cleaning by hand. The automated dry-jet technology treats the material carefully and ensures that the moulds last for a longer time. Both robots are operated by a remote control. Thus, the employees are in sufficient safety distance from the press mould and are protected against noise.

THE PERFECT COUPLE

Combining our two CO2 robots ensures a perfect cleaning result.

Tyre moulds consist of different components. To perfectly clean every angle, we have developed two robots, each specialized in different parts: One cleans the treads and the lower side wall, the other the foot ring and the upper side wall. The duo perfectly synchronizes the cleaning process.

We recommend the use of these two robots and a subsequent ultrasonic bath for residue-free cleaning. Combining these systems ensure flawless removal of any dirt particles. Of course, we can also provide you with the three individual cleaning technologies independently of each other.

IT IS ALL ABOUT YOUR CLEAN TYRE PRODUCTION PROCESSES.



ON THE SAFE SIDE

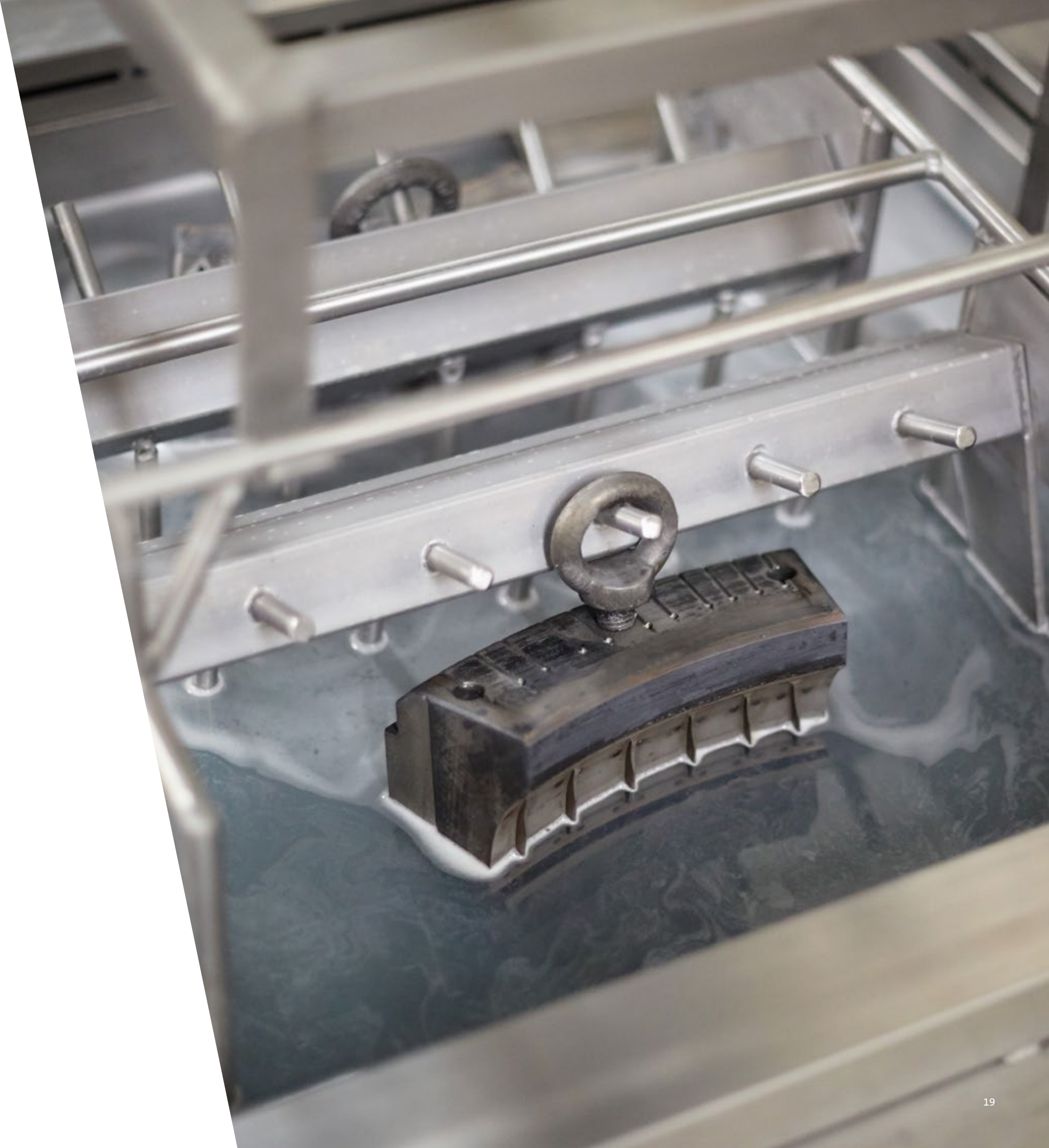


Safety comes first while cleaning moulds. Therefore, we rely on our cleaning robots. This fully automated technology independently blasts the tyre moulds with dry ice. The staff operates the low-noise machine from a distance and thus keeps the necessary security distance to the moulding press. No contact to heavy machinery, ergonomic work and noise protection – this is our contribution to the best possible safety at work.

ULTRASONIC CLEANING

An effective and careful recipe
for clean moulds and vents.

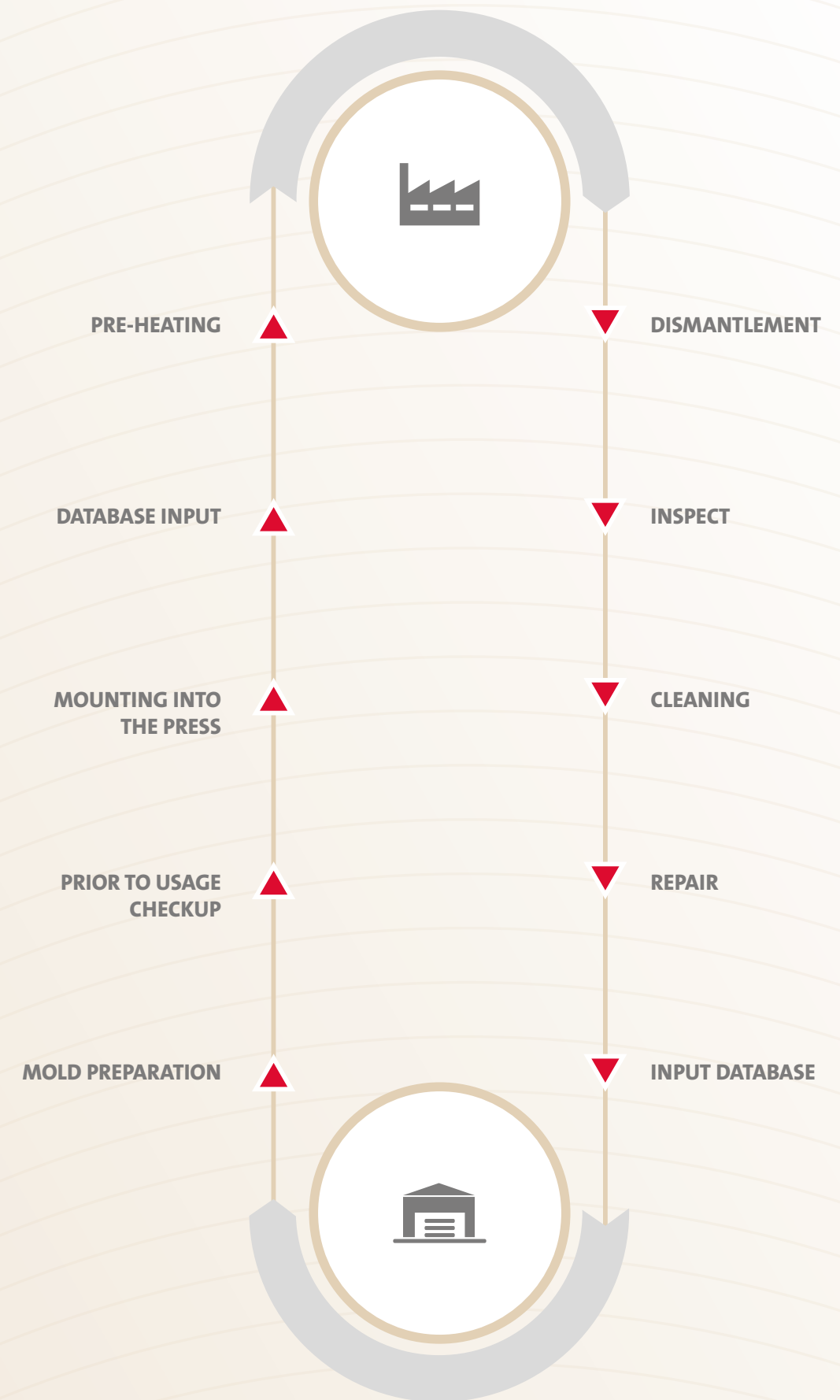
Vents are an essential part of the tyre production and need to be cleaned especially careful and gentle. We dismantle the ventilation plugs and place them in an ultrasonic bath. The environment friendly cleaning liquid is thorough and removes the most persistent rubber deposits. The vents look as good as new. This cleaning method prevents you from spending money for new acquisitions. To keep also the moulds in perfect shape, we recommend ultrasonic cleaning after every third dry ice blast.



MAINTENANCE AND STORAGE

Mould management
for your tyre production.

Our job doesn't end with clean moulds and vents. Our mould management services also include maintenance and storage: We dismantle moulds for ultrasonic cleaning, check individual parts, replace defect vents and assemble everything professionally. We also change the labelling of distinctive moulds for summer and winter tyres and assign new serial numbers. And we store moulds, which are not in use in the current production and provide them reliably exactly when they are needed. Our efficient structures support your processes. Trust our world class quality.





GLOBAL SERVICE

We base new sites
everywhere you need us.

Tyre production is an international business. Tyres are produced everywhere cars are on the roads. In the production plants at all these places moulds need to be cleaned. We understand the industry requirements and chose a flexible organizational structure: All around the globe we can easily open a new branch. Our skilled staff supports you directly at your production site – competent, reliable and familiar with customs and culture. You name the place and we deliver the right experts and the best cleaning technologies to your plant.

JOINT SUCCESS

Each of our companies is a specialist in its field. Together we form a strong global network.



EUROPE

- » Germany
- » France
- » Italy
- » Netherlands
- » Portugal
- » Slovakia
- » Czech Republic

ASIA

- » China
- » Indonesia

SOUTH AMERICA

- » Brazil

Just to show you some... more under www.ly-holding.de
LY-Holding is represented on nearly every continent.
This results in excellent synergy effects of which we, as well as our customers, can benefit long-term.

CONTACT

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