



**A WELL-
ROUNDED
MATTER**





Quality “Made in Germany”

For more than 60 years, the company Reifen Hinghaus GmbH with its headoffice in the district of Osnabrück, is the leading name when it comes to retread tyres. The products search for their equals regarding quality and performance. Emerging from the idea for conservation of resources, the family business – now run by the first and second generation of owners – meanwhile produces with a staff of nearly 60 members, about 300.000 retread tyres a year – going by the brand name “King-Meiler”. These tyres, being exclusively produced “Made in Germany”, are just as good as new tyres. 80% of these tyres are made for the German market. The rest is exported all over the world – with tendency to rise.

A loyal companion for each situation

Optimized by constant research and development, King-Meiler tyres are used for various fields: whether you must travel a certain distance or transport much more weight – King-Meiler tyres bring you and your freight safely to your destination. King-Meiler, however, leaves “drift specialists” almost spinning – even in colour! Conclusion: Reifen Hinghaus GmbH is your visionary partner for innovative solutions in terms of tyres. Today. Tomorrow. In the future.



We stand for:

- Made in Germany
- More than 60 years of experience in tyre manufacturing
- Precise computer control goes hand in hand with manpower
- Latest technology and production methods providing a guarantee for top quality
- Quality management system according to DIN ISO 9001:2015; certified by TÜV Nord
- "Approved High Quality Tyres", certified by Prüflabor Nord
- Large selection of summer, winter, all season and special tyres
- Environmentally friendly and resource-saving production
- Excellent price-performance-ratio
- Two-year warranty



We go for various types

We transfer our know-how from the motorsport to the road. Among our wide range of products is something for every type of vehicle and each requirement. Whether it is passenger, offroad or motorsport tyres: we bring you to your destination!



proReifen.com
schnell - kompetent - preiswert

Wir entsorgen Ihre **Altreifen-** und **Gummiabfälle** in eigenen Anlagen nach BImSchG.

Altreifenentsorgung



Wesseler

Containertransporte Wesseler GmbH

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Tel. 0 54 22/94 56-0

Tel. 03 92 64/9 44-0

www.altreifen.de



SUMMER TYRES (Release up to speed index "Y")

Thanks to usage of special rubber compounds "King-Meiler" summer tyres guarantee optimal driving safety and comfortable handling. The special attributes of our products are:

- Low roll resistance
- Tread depth between 6 and 8 millimetres
- Outstanding aquaplaning resistance
- Thanks to motor sport experiences an excellent grip at low abrasion and best driving comfort
- even under sporty driving conditions



WINTER TYRES (including snowflake symbol)

Our special compounds for winter tyres are adjusted to the changing conditions during the cold season, which has increased safety as a result. These deep profiles are able to grasp the snow firmly. Tyres, which bear snowflake symbol in addition to the M+S symbol, show optimized driving characteristics under winterly road conditions.



ALL SEASON TYRES (tested for summer and winter conditions)

Our all-season tyres offer an excellent alternative to purchasing of different tyre equipment for different seasons. The profile of "King-Meiler AS-1", developed and patented by Reifen Hinghaus, offers the adequate performance with low exterior noise and sufficient grip, traction and lag under both summer and winter conditions. Good to know: our "King-Meiler All-Season Tact AS-1" carry the M+S symbol as well as the snowflake symbol on their flanges.



RACING TYRES (unique patent for tyres' coloured smoke)

Special demands require special solutions. Benefit from our conscientious research and development: customized special tyres have not only been showing in racing series on grass, tarmac, gravel but also in drifting (motorsport) what they are made of – and this with great success for years.

GEYER & HOSAJA

- Rubber compounds producer
- Retreading material producer
- Truck tires retreader
- 30 years of experience
- All manufacturing processes in house







Make do and mend – for the good of the environment

Many people can produce tyres. As Europe's most modern retreader we offer our clients not only a high-quality product, but also the good feeling of doing something for the environment.

The majority of the educts' material undergoes a recycling process. In addition, they are optically presorted, electronically and haptically tested; experienced hands and heads as well as special machines such as, for instance, machines for shearography, work together. This is how a retread tyre is produced whereas the ecological concept has a great importance. Compared to the production of new tyres, 70% of the energy is being saved during the retreading process and merely a third of the raw material is used. The resulting King-Meiler retread tyres are equal to new tyres in every way.

Already in 2013, we introduced a certified energy management system by TÜV Rheinland. In this system, the sophisticated use of energy resources as well as consequent data collection to most modern networked machinery takes entire stage and it contributes to the high ecological standard of the whole King-Meiler production. The photovoltaic system, also set up in 2013, with a performance of 272 kWp, generates a third of the power that is used for the whole "King-Meiler" production. A heat recovery system also enables to use the waste heat from the production for the heating of water. That's one way to save heating costs and to protect the climate.



75 Jahre im Dienste der Runderneuerung



B&J Rocket feiert eine Reihe von Meilensteinen in der Entwicklung und dem Vertrieb von höchst leistungsfähigen Schleif- und Runderneuerungswerkzeugen für die Reifen- und Gummibranche.

www.bj-rocket.com

And it does indeed spin

Industrial production of retread tyres could expand tremendously in the past few decades. With the aid of high-tech machinery, it became possible to control the necessary processes with far more precision than before. Computer-controlled special devices detect the differences in tenths of a millimetre, the other helps detecting defects in the structure of carcass. In addition to all these technologies, human beings with their experience represent one of the most important members in the production chain, assisting in processes that include manual and visual inspections. The production of a retread tyre King-Meiler consists of the following steps:



Ulf Claushallmann

Reifen & Karkassenhandel, Recycling & Entsorgung

**Zukunftsorientiertes Management
für Altreifenentsorgung**

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Seit über **40** Jahren
auf dem spanischen Markt

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Verkauf und Montage von
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SORTING AND INSPECTION

Reifen Hinghaus GmbH processes solely those selected fabric carcass, made by premium manufacturers. Only flawless new tyres which have been used for the first time fulfil high requirements of a future "King-Meiler" tyre and make the leap to the next processing step.

ROUGHENING

Fully-automated and computer-controlled buffers remove the old rubber and nap the tyres to exactly match the contour that is required for the next processing step. Companies specialized in recycling use this material to produce materials that are further taken for e.g. sports fields, playgrounds or also in road construction.

OVERLAYING OF FABRIC CARCASS

We differ between "Camelback" and "Orbitread" – two different overlaying procedures. The overlay thickness and the circumference of the tyre are constantly controlled during this entire process with the aid of a laser measuring equipment and visually presented. An ingenious camera system monitors in conjunction with modern software tools the entire procedure.

HEATING

The freshly applied rubber changes its chemical structure in heating presses; it cures completely at high temperatures and pressures over a predefined period. During vulcanization, the condition of the rubber changes from plastic to elastic. For that purpose, every blank is inserted in the press prepared for the desired dimensions and profiles. The blank is surrounded by mould segments in these presses, which determine the later appearance of the retread tyre in the combination of embossed grooves and pads. The blank is pressed from inside out by the counter-pressure of bellows filled with water, whereby the vulcanized rubber in the mould segments is shaped into its final profile.

FINISH

Concentricity and pressure tests are carried out on semi-automatic deburring machines during the final inspection and the excessive rubber material is removed.

SHIPMENT

Supported by our logistics developed over many decades, we supply our customers with retread tyres in and outside Europe on a large scale, although most of our customers are from Germany. In addition to delivery and direct collection with aid of containers or trailer trains, we have also expanded our offer by delivering directly to your customers. For this purpose, our tyres are secured by foil in our shrink tunnel. Business and private customers receive their ordered tyres directly from us to the required address in minimum packaging.



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KOSTENSPAREND
UMWELTFREUNDLICH
HOCHWERTIG
LANGLEBIG**

KRAIBURG MISCHUNGEN

Für alle Pkw. Auf allen Straßen.

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T +43(0)77 48/72 41-0, www.kraiburg-austria.com



KRAIBURG RETREADING MATERIALS



A class of its own

King-Meiler represents a 100% certified quality. Our tyres go through a course of tests which are partially more extensive than those for new tyres. Whether King-Meiler tyres are tested on racetracks, monitored track rollers in different testing institutes or whether the compound is tested on test drives and in chemical laboratories – the client will profit in any case.

Our philosophy of quality already starts with the purchase of casings. We obtain casings from selected premium manufacturers only that will be checked thoroughly by us. In addition to this control there will be strict criteria in terms of material selection and production monitoring as our entire production process underlies the quality-management inspection according to DIN EN ISO 9001:2015. As a result, you obtain, together with a King-Meiler tyre, a valence certified by Prüflabor Nord exceeding the legal requirements and offers a high safety margin.

Approved



Qualitätsmanagementsystem
TÜV-zertifiziert nach DIN ISO 9001:2015

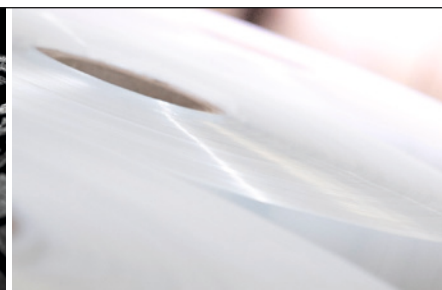




Ihr Partner in der Reifen- logistik

RKW Schrumpffolien –
die bevorzugte
Reifenverpackung
der Paketdienstleister.

rkw-group.com



Das Verpacken, Transportieren, Lagern und der Umschlag von Reifen stellt höchste Ansprüche an die Folienqualität. Mehr als 60 Jahre Erfahrung machen RKW zum Spezialisten.

- Extrem durchstoßfest, belastbar und formstabil
- Hervorragende Maschinengängigkeit
- Optimale Eignung für Mehrfachhandling

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rkw
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MATTERS



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