

# ATHOS



## The German Reifen



Premium truck tyres | Powered by Germany |  
Recommended by original equipment manufacturers



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# ATHOS

## The tyre for professionals who do the math

For over 17 years, ATHOS has stood for high-performance truck tyres that combine economy, reliability, and technical expertise. Developed in Germany in accordance with the latest European requirements and based on decades of experience in retreading, ATHOS meets the highest demands of modern fleets.

Manufactured in four specialized production plants in Asia, ATHOS offers a consistently practical solution for customers in the original equipment, tyre retail, and international freight forwarding sectors.

Every ATHOS tyre offers:

- **Stable carcass structure** for high recutting and retreading capability
- **Uniform wear pattern** for predictable mileage
- **Optimized rolling resistance** for reduced fuel consumption
- **Precise tread design** for traction, driving stability, and safety

ATHOS is a brand that is 100% owned and controlled by a German company – with a clear focus on quality, technical development, and partnership-based service.



Put your trust in a tyre that is used worldwide, supported by **German service and trained specialists on site.**

## Quality from a single source with European character

Since its market launch in 2008, ATHOS has stood for independence and economic success. As a European brand, all tyres are developed in collaboration with the German brand owner and produced under strict quality requirements, from the initial concept to the finished product. This organisation enables a quick response to market trends in the form of implementing innovative ideas and responding to customer needs.

Continuous research and development is at the heart of the brand and drives its success. The focus is on continuous improvement and solution-oriented product design. This enables ATHOS tyres to meet the complex requirements of different customer groups with uncompromisingly high standards.

As part of the exclusive **ATHOS family**, you will be actively involved in key strategic developments for the brand. This culture is reflected throughout the entire value chain – **reliable, flexible, and passionate about the tyre trade.**





# Tyre management

## A system that pays off

A good fleet management system is the digital twin of a vehicle fleet. It enables you to manage your fleet in such a way that you can save up to **10% on fuel costs** and also reduce CO2 emissions.

Data-based analysis is crucial for effective fleet management, as tyres account for around **50% of a vehicle's operating costs**. Intelligent tyre solutions enable proactive and sustainable tyre management, so that tyres are considered a valuable asset rather than just a cost factor.

Find your optimal tyre strategy and increase the efficiency of your vehicles. As a tyre partner with many years of experience, we are happy to help you implement this strategy.



# Regrooving

## The second life of an ATHOS tyre

ATHOS tyres that are approved for regrooving bear the word **REGROOVABLE** on both sidewalls in accordance with ECE Regulation 54.

The additional tread depth of up to 3 mm gained by regrooving significantly **increases the tyre's mileage**.

In addition to the additional maximum tread depth gained, a minimum remaining base thickness of 2 mm must be retained in accordance with § 36 Explanation 6 StVZO 4.2. However, if the tyre is to be retreaded at a later date, a minimum tread depth of 3 mm is recommended.

Regrooving may only be carried out by qualified specialists in order to avoid premature failure and impairment of the retreadability of the tyres.

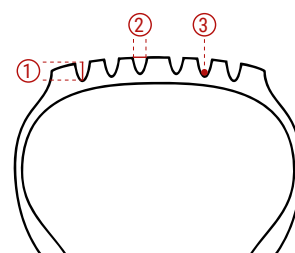


It is also important that the tyre is evenly worn. There must be no damage or irregular wear.

## Tread overview

Front axle						
	<b>HG 2148S/T</b>	<b>HG 2153S</b>	<b>HG 2159</b>	<b>HG 2207S</b>	<b>HG 2208S</b>	<b>HG 2253</b>
	depth: 3 mm	3 mm	2,5 mm	3 mm	2,5 mm	3 mm
	width: 6-8 mm	6-8 mm	6 mm	6-8 mm	5-8 mm	6-8 mm
	radius: 4 mm	3 mm	3 mm	3 mm	3-4 mm	3 mm

### Designation



Drive axle			
	<b>HG 2336</b>	<b>HG 2338</b>	<b>HG 2339</b>
	depth: 2,5 mm	3 mm	3 mm
	width: 5-8 mm	6-8 mm	10 mm
	radius: 3 mm	3 mm	4 mm

Bus		
	<b>HG 2202</b>	<b>HG 2203</b>
	depth: 2,5 mm	2,5 mm
	width: 6-8 mm	5-8 mm
	radius: 3 mm	3 mm

### 1. Regrooving depth

This specifies how deep the new grooves may be cut into the existing rubber.

### 2. Regrooving width

This determines how wide the cutting tool makes the grooves.

### 3. Regrooving radius

This describes how rounded the re-cut groove bottom edge is.

Trailer						
	<b>HG 2144</b>	<b>HG 2146T</b>	<b>HG 2148S/T</b>	<b>HG 2155</b>	<b>HG 2157</b>	<b>HG 2159</b>
	depth: 3 mm	3 mm	3 mm	3 mm	3 mm	2,5 mm
	width: 6-8 mm	6-8 mm	6-8 mm	6-8 mm	6-8 mm	6 mm
	radius: 3 mm	3 mm	4 mm	3 mm	3 mm	3 mm



# Retreading

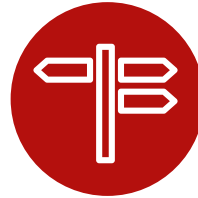
## The third life of an ATHOS tyre

All ATHOS tyres are retreadable in line with the circular economy. This gives you several advantages:



### Cost-effectiveness

Retreading an ATHOS tyre is significantly cheaper than buying comparable new tyres, which reduces the fleet's total cost of ownership. A single retread can **double the mileage**. With proper handling, it can be retreaded **up to two times**.



### Flexibility

Many different tread patterns are available for retreading. The tread pattern can therefore be adapted to individual needs and purposes. This means that the area of application of an ATHOS tyre can be changed without any problems.



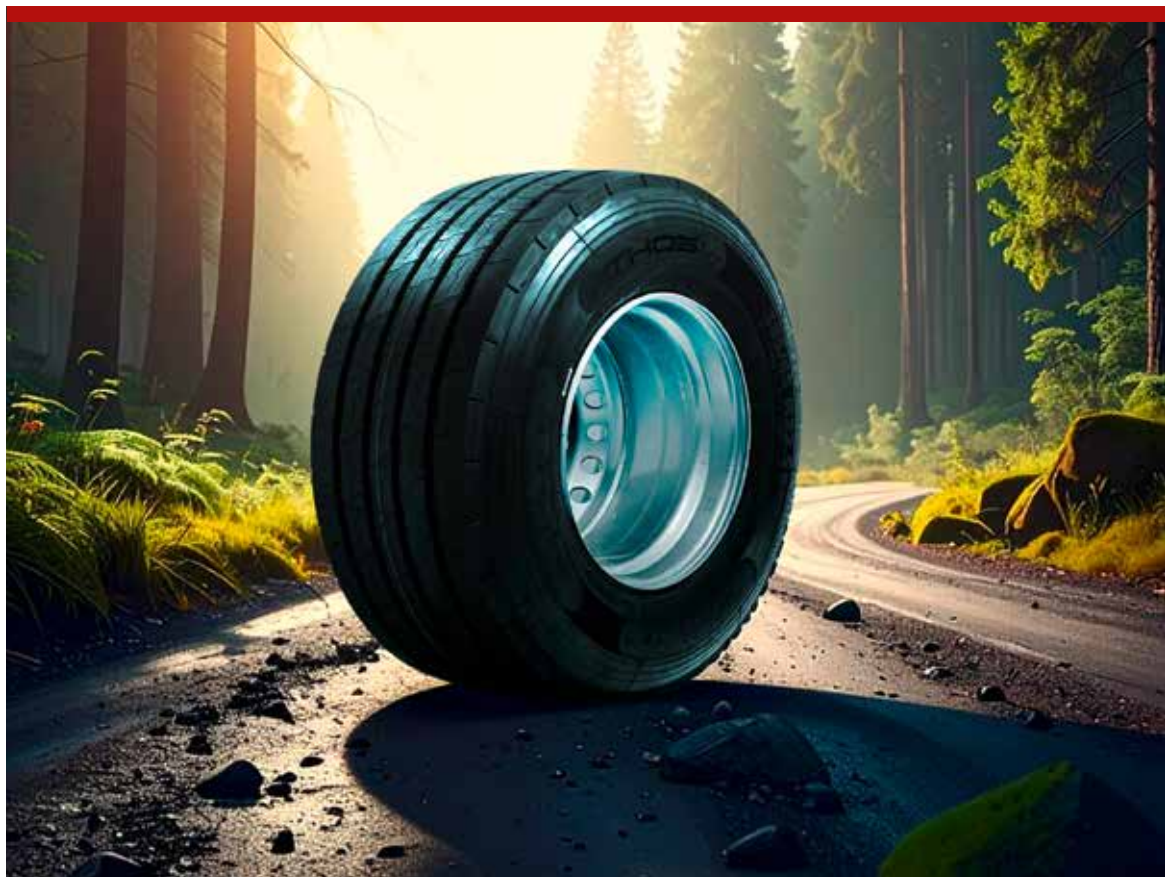
### Reliability

A retreaded ATHOS tyre meets the **same strict quality controls as a new tyre** and therefore offers a reliable alternative. The processes used are considered so safe that they are also used for demanding aircraft tyres on commercial aircraft.


















### Sustainability

The production of a new truck tyre requires around 80 liters of crude oil, while the retreading of an ATHOS tyre requires only 30 liters. Reusing the carcass saves around **70% energy and 30% of climate-damaging CO2 emissions**. Retreading 100 tyres thus reduces CO2 emissions into the atmosphere by six tons.



















## Front axle

### Technical data

Product range	Tread	Axle	Load / Speed	Tread depth mm				M+S	3PMSF	ice grip	available
215/75 R17.5	HG2159	FR	126/124M (135/133L)	13,0 mm	D	B	72 B	✓		-	✓
235/75 R17.5	HG2159	FR	143/141L (146/146F)	13,0 mm	D	B	72 B	✓		-	✓
245/70 R17.5	HG2159	FR	143/141K (146/146F)	13,0 mm	D	B	72 B	✓		-	✓
295/80 R22.5	HG2506S	FR	154/149M	16,0 mm	D	C	73 B	✓	-	-	✓
<b>NEW</b> 315/60 R22.5	<b>HG2208S</b>	<b>FR</b>	<b>154/150L</b>	<b>15,0 mm</b>	<b>C</b>	<b>B</b>	<b>73 C</b>	✓		-	✓
315/70 R22.5	HG2207S	FR	156/150L (154/150M)	15,5 mm	D	B	73 B	✓		-	✓
<b>NEW</b> 315/70 R22.5	<b>HG2208S</b>	<b>FR</b>	<b>158/150L (154/150M)</b>	<b>15,0 mm</b>	<b>C</b>	<b>B</b>	<b>73 C</b>	✓		-	✓
315/80 R22.5	HG2207S	FR	158/150L (154/150M)	15,5 mm	D	B	73 B	✓		-	✓
<b>NEW</b> 315/80 R22.5	<b>HG2208S</b>	<b>FR</b>	<b>158/150L (154/150M)</b>	<b>16,0 mm</b>	<b>C</b>	<b>B</b>	<b>73 C</b>	✓		-	✓
385/55 R22.5	HG2148S/T	FR	160K	14,5 mm	C	B	72 B	✓		-	✓
385/55 R22.5	HG2253	FR	164K (158L)	12,5 mm	C	B	71 A	✓		-	✓
385/65 R22.5	HG2148S/T	FR	164K	15,0 mm	C	B	72 B	✓		-	✓
385/65 R22.5	HG2153S	FR	164K (160L)	12,5 mm	C	B	70 A	✓		-	✓

















## Trailer

### Technical data

215/75 R17.5	HG2159		TR	126/124M (135/133L)	13,0 mm	D	B	72 B	✓		-	✓
235/75 R17.5	HG2159		TR	143/141L (146/146F)	13,0 mm	D	B	72 B	✓		-	✓
245/70 R17.5	HG2159		TR	143/141K (146/146F)	13,0 mm	D	B	72 B	✓		-	✓
385/55 R22.5	HG2144		TR	164J	15,0 mm	B	B	72 B	✓	-	-	✓
385/55 R22.5	HG2148S/T		TR	160K	14,5 mm	C	B	72 B	✓		-	✓
385/55 R22.5	HG2155		TR	164J	14,5 mm	C	B	73 B	✓		-	✓
385/65 R22.5	HG2144		TR	164J	18,0 mm	B	B	72 B	✓	-	-	✓
385/65 R22.5	HG2146T		TR	164J	18,0 mm	C	B	72 B	✓		-	✓
385/65 R22.5	HG2148S/T		TR	164K	15,0 mm	C	B	72 B	✓		-	✓
385/65 R22.5	HG2156		TR	164J	14,5 mm	D	C	74 B	✓		-	✓
435/50 R19.5	HG2157		TR	164J	12,5 mm	B	B	73 B	✓	-	-	✓
445/45 R19.5	HG2157		TR	164J	12,5 mm	B	B	73 B	✓	-	-	✓

## Rear axle

### Technical data

Product range	Tread	Axle	Load / Speed	Tread depth mm				M+S	3PMSF	ice grip	available
215/75 R17.5	HG2536D	DR	128/126M	15,0 mm	D	B	74 B	✓		-	✓
235/75 R17.5	HG2536D	DR	132/130M	16,0 mm	D	B	74 B	✓		-	✓
245/70 R17.5	HG2536D	DR	136/134M	15,0 mm	D	B	74 B	✓		-	✓
<b>NEW</b> 295/60 R22.5	<b>HG2336D</b>	<b>DR</b>	<b>150/147K (149/146L)</b>	<b>18,0 mm</b>	<b>C</b>	<b>B</b>	<b>76 C</b>	✓		-	✓
295/60 R22.5	HG2538D <sup>2</sup>	DR	150/147K (149/146L)	19,0 mm	E	B	74 B	✓		-	✓
295/80 R22.5	HG2537D	DR	152/149L	19,0 mm	E	B	73 A	✓		-	✓
315/60 R22.5	HG2538D	DR	154/150L (152/148M)	18,0 mm	E	B	74 B	✓		-	✓
<b>NEW</b> 315/70 R22.5	<b>HG2336D</b>	<b>DR</b>	<b>156/150L (154/150M)</b>	<b>19,5 mm</b>	<b>C</b>	<b>B</b>	<b>76 C</b>	✓		-	✓
315/70 R22.5	HG2338	DR	154/150M	19,5 mm	D	C	74 B	✓		-	✓
315/70 R22.5	HG2558D	DR	154/150K (152/148L)	19,0 mm	E	C	73 A	✓		-	✓
<b>NEW</b> 315/80 R22.5	<b>HG2336D</b>	<b>DR</b>	<b>158/150L (154/150M)</b>	<b>20,5 mm</b>	<b>C</b>	<b>B</b>	<b>76 C</b>	✓		-	✓
315/80 R22.5	HG2338	DR	156/150L (154/150M)	21,5 mm	D	C	74 B	✓		-	✓
315/80 R22.5	HG2558D	DR	156/153K (154/151L)	21,0 mm	E	C	73 A	✓		-	✓





## Bus

### Technical data

275/70 R22.5	HG2202 <sup>1,3</sup>	AP	150/145J (152/148F)	20,5 mm	E	C	72 B	✓		-	✓
<b>NEW</b> 295/80 R22.5	<b>HG2203<sup>1</sup></b>	<b>AP</b>	<b>154/150M (152/148M)</b>	<b>20,5 mm</b>	<b>C</b>	<b>B</b>	<b>71 A</b>	✓		-	✓

## Construction site

### Technical data

13 R22.5	HG2505S/T	AP	156/151K	16,0 mm	D	B	73 B	-	-	-	✓
13 R22.5	HG2539D	DR	156/151K	23,0 mm	E	C	74 B	✓		-	✓
295/80 R22.5	HG2539D	DR	152/149K	22,0 mm	E	C	74 B	✓		-	✓
315/80 R22.5	HG2505S/T	AP	154/151M (156/150L)	16,0 mm	D	C	73 B	-	-	-	✓
315/80 R22.5	HG2339	DR	156/150M	21,5 mm	D	B	75 B	✓		-	✓
385/65 R22.5	HG2554S/T	FR	160K (158L)	18,0 mm	C	C	73 B	✓		-	✓
445/65 R22.5	HG2554S/T	TR	169K	18,0 mm	D	C	73 B	✓		-	✓

1) With sidewall protection for buses 2) Pattern in this size runs out 3) Suitable for electric buses  
FR = Front axle DR = Drive axle TR = Trailer AP = all positions

# Axle Overview

**ATHOS**

## Front axle



## Drive axle



## Trailer



## All position



## Bus



 3PMSF marking 
 **M+S** marking 
  Winter tyre 
  Long distance 
  Regional 
  Construction 
  5.000 kg carrying load