



New Generation TBR PRODUCT INTRODUCTION

TERRA MASTER SERIES FOR EU MARKET

MADE IN THAILAND



WINDFORCE brand's new segmentation in TBR

The WINDFORCE brand is position for high quality market.

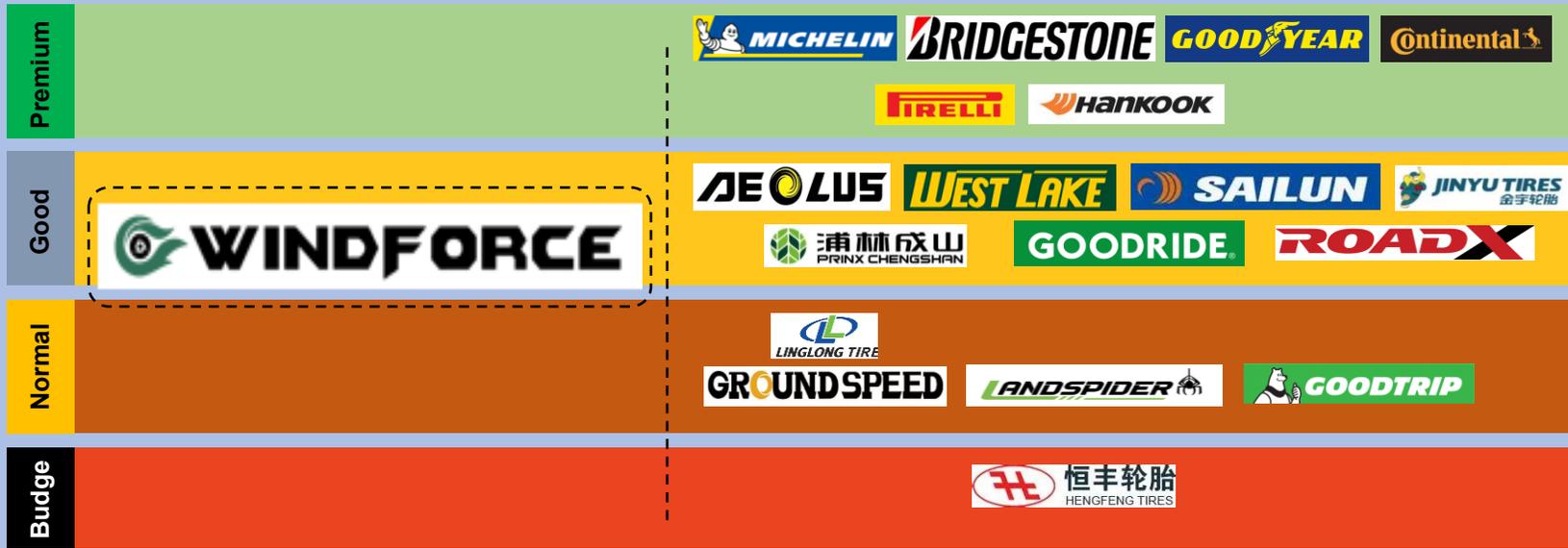
This brand was established in 2012 and is sold 100+ countries in the word.

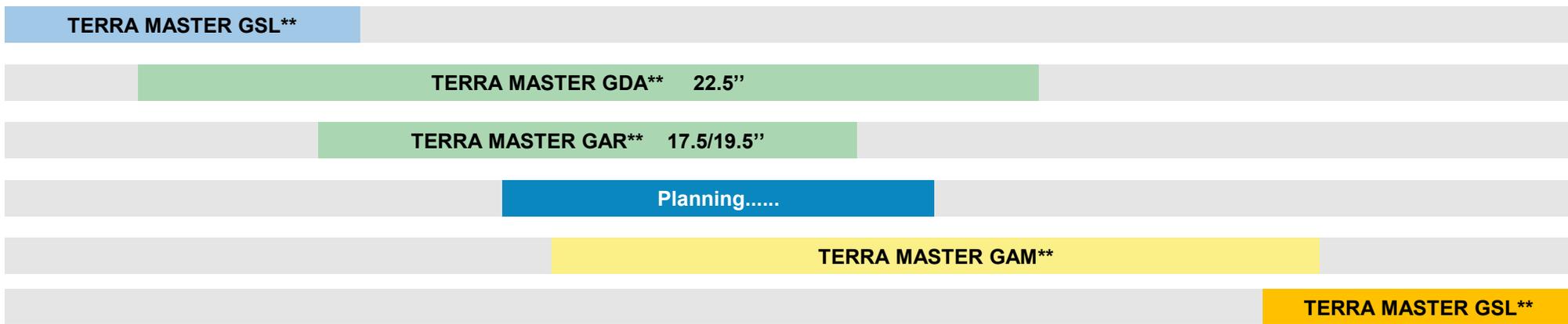
It is supplied by the 9th tire manufacturer in the world, has a strong capacity for tire.

The new products are benchmarked HANKOOK, use same technology of WESTLAKE brand.

The patterns of all product are unique, different from factory and other brand.

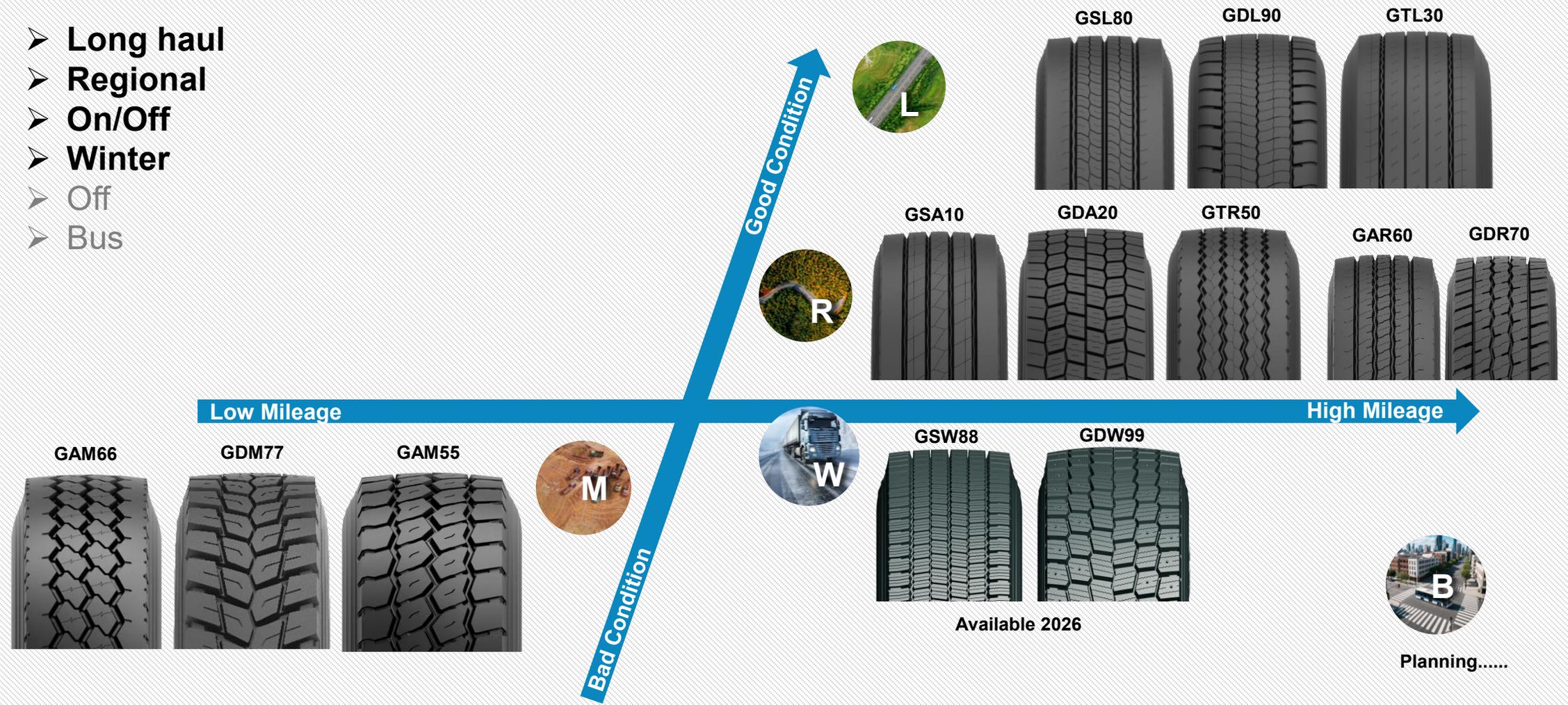
All the product are regrooving and retreading.





Long haul		Fuel Efficiency / Green / Less CO ₂ Product designed to provide low fuel consumption. Maximizes fuel efficiency, produces less CO ₂ , more friendly to environment, and keeping the mileage.
All Routes+ Regional		Mileage / Control / Safe Product designed to guarantee high mileage in all kind of road condition. Good wet and dry handling performance, high level of safety on all roads and in all seasons.
Mix Service		High Load / Durability / Traction Product designed to meet high load and harsh road conditions. The reinforced carcass and bead, chip and cut-resistant compound make the tire more endurable.
Winter		Safe / Durability / Traction Designed for excellent winter traction in extreme weather conditions on a variety of surfaces.

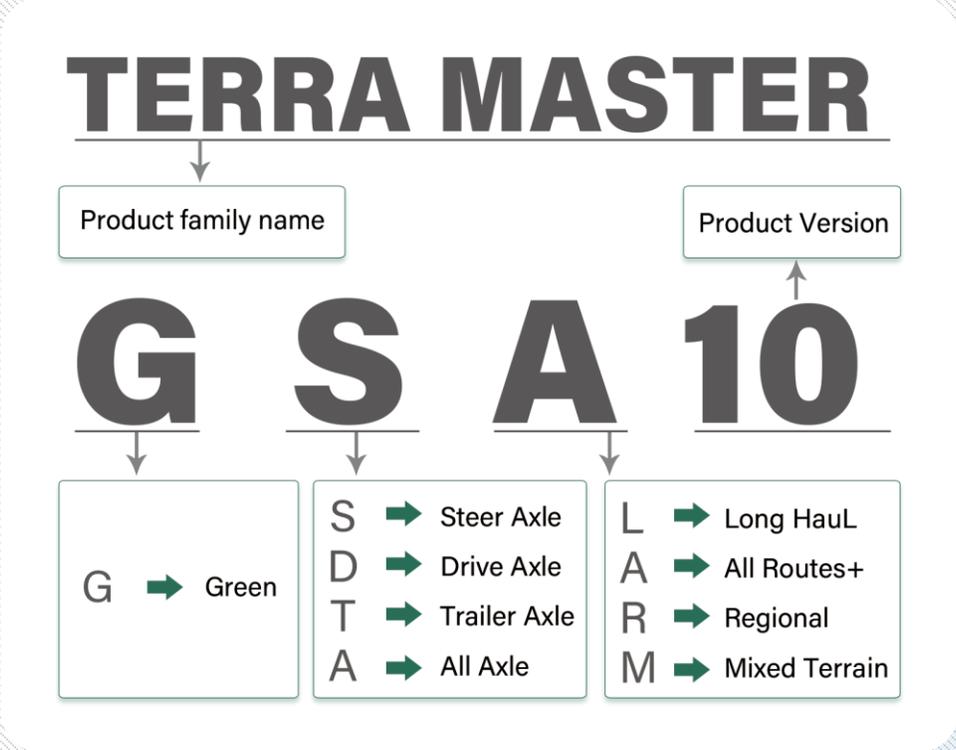
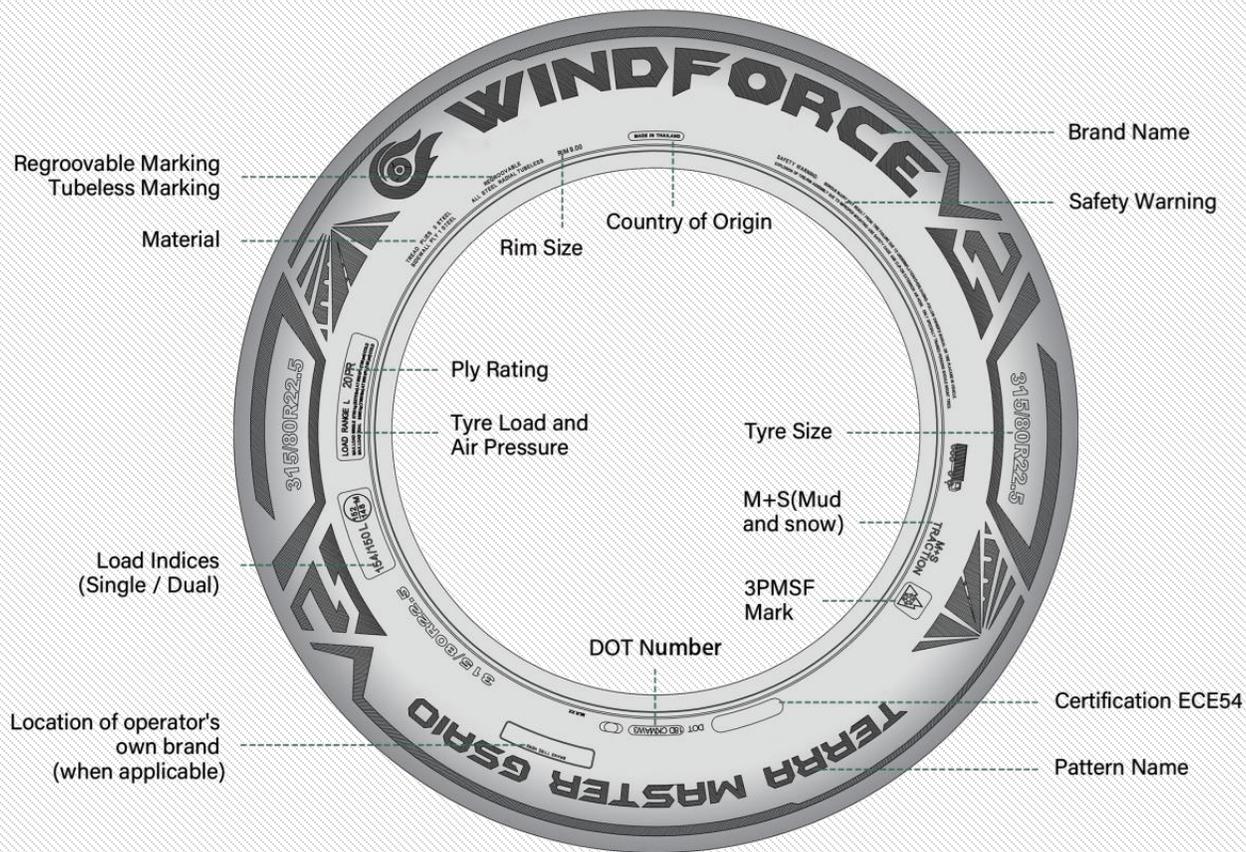
- Long haul
- Regional
- On/Off
- Winter
- Off
- Bus



01 New Brand Design

02 New Look

03 New Named System



- At present, the structure of truck tires, based on the different belt layer structure, is divided into 4-layer belt layer structure and 3-layer + zero-degree belt layer structure.
- We now have the ability to provide two types of structural products simultaneously, and will recommend a more suitable structure based on the customer's usage environment.



4-layer belts

TREAD 5 STEEL PLIES: 4 plies belt + 1 ply carcass

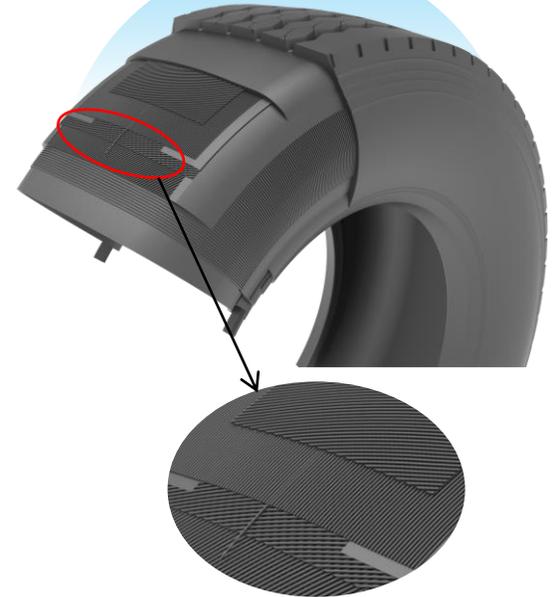
45、50、55、60、65、70 series



3+0-layer belts

TREAD 4 STEEL PLIES: 3 plies belt + 1 ply carcass

75、80 series and normal section size



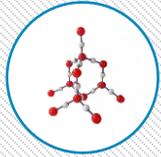
Single-wire belt winding

45、50、55、60、65 wide-base size



DLT

DUAL LAYER TREAD DESIGN
Low heat generation, low rolling resistance.



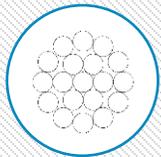
LRC

Low Roll Resistance Tread Compound
This innovative compound can effectively reduce rolling resistance and improve fuel efficiency.



SWB

Single-wire belt winding
This form of belt can strengthen the stability of the tire, improve the durability of the tire, more safety and reliable.



USC

Ultra-high strength carcass
better handling, lower rolling resistance, retreadability.



IPD

Innovative pattern design
The innovative pattern design not only ensures the independence of the pattern but also guarantees the performance of the product.



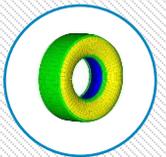
SVP

Spring vent plug design
beautiful look



FEA

Finite Element Simulation Technology
The FEA technology has accelerated the design efficiency of products and ensured the stability of product design.



AI-TECH SYSTEM

Three Key Innovations & Six Performance Enhancements

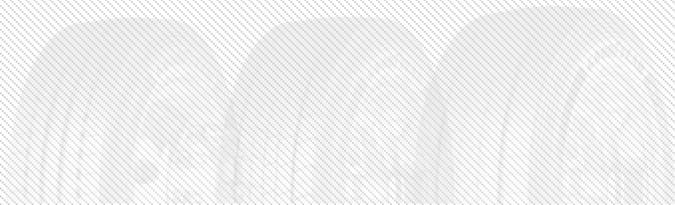


Key Product Show

--New-gen Long haul series product



--Ultra-low rolling resistance product



TERRA MASTER TYRES - Fuel series

TERRA MASTER *GSL80* TERRA MASTER *GDL90* TERRA MASTER *GTL30*



Retreading

Feature and Advantage



Fuel saving, reduce fuel consumption



Reduce CO₂ emissions, protect the environment



Reduce your Total Cost of Ownership

Size	Pattern	LI/SS				
295/60R22.5	TERRA MASTER GDL90	150/147K(149/146L)	B	C	74	B
315/60R22.5	TERRA MASTER GSL80	154/150L(152/148M)	B	C	74	B
315/60R22.5	TERRA MASTER GDL90	154/150K(152/148L)	B	B	74	B
315/70R22.5	TERRA MASTER GSL80	156/150L(152/148M)	B	C	74	B
315/70R22.5	TERRA MASTER GDL90	154/150L(152/148M)	B	C	74	B
385/55R22.5	TERRA MASTER GSL80	160K(158L)	B	C	74	B
385/55R22.5	TERRA MASTER GTL30	160K(158L)	B	C	74	B
385/65R22.5	TERRA MASTER GTL30	164K	B	C	74	B
435/50R19.5	TERRA MASTER GTL30	160J(156K)	B	C	74	B
445/45R19.5	TERRA MASTER GTL30	160J	B	B	74	B

Pattern



- 3D sipe design
- Hidden groove design
better wet grip reduced
braking distances,
more safety.

Compound



- Silica compound
- Dual layer compound
reduced rolling resistance,
low fuel consumption,
low cost.

Casing



- Single-wire belt winding,
This form of belt can
strengthen the stability of
the tire, improve the
durability of the tire, more
safety and reliable.

Rolling resistance A level product

Why is it necessary for RR A-level tire?

- According to EU regulation 2017/2400, truck manufacturers must calculate and declare the CO₂ emissions for each truck produced using the VECTO tool.
- Since July 2020, heavy vehicles that have not obtained VECTO certification are prohibited from being registered and sold in the EU.
- RR A-level tire can effectively reduce vehicle fuel consumption decrease CO₂ emissions, and easily pass the VECTO test.

What is **VECTO**?

VECTO(Vehicle Energy Consumption Calculation Tool) is a simulation software that can be used cost-efficiently and reliably to measure the CO₂ emissions and fuel consumption of heavy-duty vehicles.

Which brands can offer the RR A-level tires?

Not too much, like Michelin、Bridgestone、Goodyear and so on.

What is our plan?

We are also going to develop the RR A-level tire. Now, we are working on it. Here is an example.

BM: GOODYEAR

SIZE: Steer 315/70R22.5

Drive 315/70R22.5

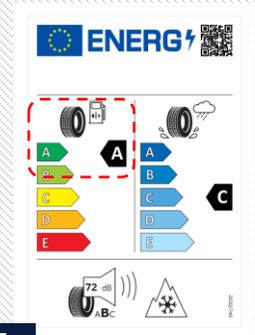
Trailer 385/55R22.5 385/65R22.5



Fuel Master S

Fuel Master D

Fuel Master T



EQMAX S ULTRA

EQMAX D ULTRA

EQMAX T ULTRA



THANKS

www.landspidertire.com

No. 8-101, Yulan Guoji 702 Shanhe Road, Chengyang District, Qingdao, China.

 **WINDFORCE**

