



CHINA LOONG

# PRODUCT CATALOG

CHINA LOONG TIRE CO.,LTD

china-tire.com



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**2013** Years  
Company establishment

**26** 100M  
Total investment

## About Us

China Loong Tire Co., Ltd is a leading enterprise focused on the development and manufacturing of high-performance tires. We are committed to providing a diverse range of tire solutions for the global market, including passenger cars, commercial vehicles, off-road vehicles and heavy trucks. With the world's advanced production technology, strict quality management and rich industry experience, the company's products have always maintained the industry leading level in durability, grip and driving safety.

We put technological innovation at the core of our business development, and continuously optimize tire design and material formulation to improve the performance of our products in a variety of complex road conditions and extreme weather conditions. At the same time, China Loong Tire adheres to the concept of environmental protection and sustainable development, and is committed to reducing tire rolling resistance, improving fuel efficiency, and providing more economical and environmentally friendly travel options for users around the world.

As a company with an international vision, China Loong Tire will continue to expand the global market, win the trust of customers with high-quality products and professional services, and become a benchmark brand in the tire industry.

### Modern high-tech enterprises



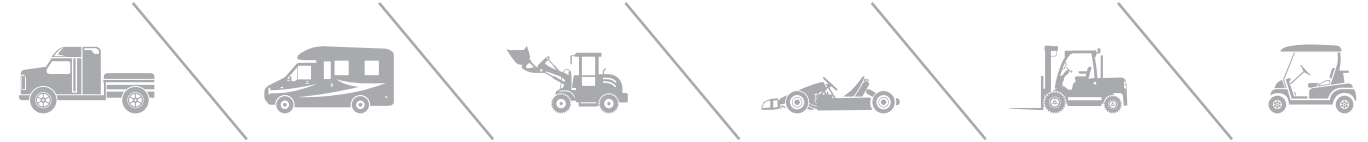
The project adopts the world's advanced MIRS modular integrated automation technology, reducing the floor area by 20%, increasing the production efficiency by 30%, and reducing the cost by 25%. In order to ensure that the production process does not affect the environment, the company has invested 180 million yuan in process improvement and tailwater/tail gas treatment.

In terms of tailwater, the high temperature nitrogen vulcanization process is used, and the production wastewater is treated and recycled by the integrated treatment system to achieve "zero" discharge of the production tailwater. In terms of exhaust gas, advanced low-temperature plasma + composite photocatalysis + dry neutralization and deodorization combined process is used to completely purify a small amount of flue gas generated by rubber mixing and vulcanization in the production process to achieve "net" emissions of industrial exhaust.



## 01/ COMFORT TIRE





### ► Comfort Tire 1

inch range: 13~16  
 Speed level: T, H, V, W  
 Tyre width: 155 ~ 225  
 Specification series: 50, 55, 60, 65, 70, 75, 80

#### Product description

1. 5 pitch 3D technology mute technology is adopted to disturb tire resonance and achieve tire mute effect; 2. Fine segmentation of tire tread patterns, application of water film destruction unit technology, and improvement of wetland grasping performance; 3. Adding the formula of multi terminal modified solution polymerized styrene butadiene low rolling resistance tread, the tread has lower heat generation and reduces energy consumption;



### ► Comfort Tire 2

China Loong Tire Co.,Ltd, a brand that pays equal attention to science and technology, quality and green, will always adhere to the enterprise tenet of "integrity, innovation and development", and rely on a strong production, supply and marketing chain for win-win cooperation.

#### Product description

1. The asymmetric pattern design is adopted to improve the drainage of the inner side and the handling of the outer side, so that the tire has excellent dry and wet handling; 2. Corrugated offset knife slot improves hydrophilicity, effectively punctures water film, shortens wetland braking distance, and improves wetland safety; 3. Narrow the horizontal pattern groove, effectively reduce the pattern airflow noise, and improve the quiet comfort;



### ► Comfort Tire 3

Flatness ratio: 55/60/65  
 Speed level: V/H  
 Sidewall structure optimization  
 Enhanced comfort and safety

#### Product description

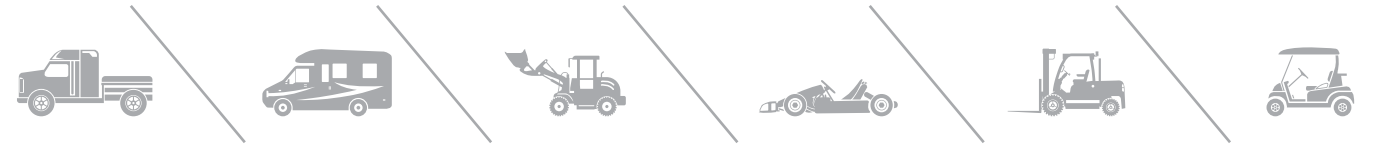
1. Fine segmentation layout of patterned knife grooves and comprehensive control of silent wet grasping; 2. The design of flow guide rib can reduce the noise of air passing through, which is quiet and comfortable; 3. Optimize the tire contour design to make the tire ground pressure distribution more balanced, and maintain good grip under the condition of high-intensity driving;





## 02/ SPORTS TIRE





### ► Sports Tire1

Inch range: 16 ~ 22  
 Speed level: V, W, Y  
 Tyre width: 185~295  
 Specification series: 25, 30, 35, 40, 45, 50, 55

#### Product description

1. Asymmetrical frequency scrambling pattern can effectively reduce driving noise and improve driving comfort; 2. Multistage segmented pattern block increases the effective ground area for driving and improves drainage and handling performance; 3. The tread is made of a new type of carbon polymer composite material, which effectively improves the grip and high temperature resistance, reduces the rolling resistance and extends the service life;



### ► Sports Tire 2

Inch range: 13 ~ 22  
 Speed level: T, H, V, W  
 Tyre width: 155~295  
 Specification series: 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 80

#### Product description

1. Asymmetrical design is adopted to provide the best grounding area, improve the steering maneuverability of the vehicle, and ensure the stability of the driving process 2. Blended with high-performance synthetic rubber and high anti slippery white carbon black, it provides excellent wetland traction; 3. The crown is made of fully covered nylon hoop material to ensure the dimensional stability of the tire during driving;



### ► Sports Tire 3

Inch range: 17~19  
 Speed level: W, Y  
 Tyre width: 215~255  
 Specification series: 40, 45

#### Product description

1. The differential tread pitch design is adopted on the inner and outer sides of the tire to effectively improve the tire noise frequency distribution and reduce tire noise. 2. The side walls on both sides of the longitudinal main ditch are designed at different angles to provide stronger support for the pattern blocks, reduce the slip of the pattern blocks when turning, and improve the stability of the vehicle. 3. Diamond cutting technology is adopted for the tread block to effectively improve the driving ability of the tire.



### ► Sports Tire 4

Flatness ratio: 45/50/55  
 Speed level: W/Y  
 Low noise optimization  
 Enhanced handling performance

#### Product description

1. Asymmetrical pattern design gives consideration to dry and wet land handling performance and improves driving experience; 2. Active noise reduction groove design improves the mute performance; 3. Steady state pressure equalization technology is applied to improve the tire grounding area and enhance the tire handling performance; 4. The application of high-performance formula can effectively reduce rolling resistance, save energy and protect environment.



► **Sports Tire 5**

Flatness ratio: 45/50/55  
 Speed level: W/Y  
 Noise spectrum optimization  
 Enhanced handling performance

**Product description**

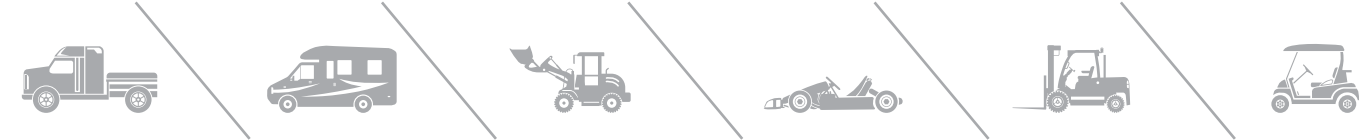
1. Serrated "Bionics" Pattern, providing superior driving and braking performance; 2. Four continuous vertical high rigidity pattern blocks bring excellent driving and handling experience; 3. The high-performance formula design can effectively improve the tire grip and obtain superior wet and slippery performance;





## 03/ SUV TIRE





### ► SUV Tire 1

Inch range: 15 ~ 20  
 Speed level: H, V, W, Y  
 Tyre width: 205 ~ 285  
 Specification series: 50, 55, 60, 65, 70, 75

#### Product description

1. The high-density longitudinal and transverse zigzag tread design ensures that the tire closely matches the ground, improves the grounding area, and has better handling stability 2. The 5-segment variable pitch arrangement of tire tread reduces the noise generated in the air flow of the tread grooves 3. The high-performance tread formula containing silicone rubber molecules effectively improves the grip on wet roads



### ► SUV Tire 2

Inch range: 15 to 16  
 Speed level: R  
 Tire width: 215 ~ 265  
 Specification series: 75, 80, 85

#### Product description

1. Continuous patterned groove design, high-speed and stable pavement, excellent drainage performance; Unpaved pavement provides strong traction 2. The square outline design increases the ground by 8%, and the wide tire ground improves the tire grip under complex road conditions 3. Special tread formula, large elasticity and strong toughness of pattern block, more durable, more wear-resistant



### ► SUV Tire 3

Inch range: 17 ~ 20  
 Speed level: H, V  
 Tyre width: 215~255  
 Specification series: 50, 55, 60, 65

#### Product description

1. 5. The design of pitch pattern adopts simulation optimization sequence to effectively reduce the tire vibration frequency and enjoy quiet driving 2. The application of pattern active noise reduction technology, sound absorption and noise reduction at the bottom of pattern groove and air diversion design reduce tire noise 3. The interlocking design of tire shoulder steel sheets effectively improves the stiffness of tire shoulder and the cornering performance of tire 4. The tread pattern is designed with precision segmentation chamfer to increase the dynamic grounding area of the tire and effectively improve the braking capacity



### ► SUV Tire 4

Flatness ratio: 55/60/65  
 Speed level: V/H  
 Low noise optimization  
 Enhanced wetland performance

#### Product description

1. There are many auxiliary grooves of the pattern block, which are arranged in a staggered way. With the help of the tread fine lines, the high-frequency noise is reduced, and the pattern block has good silence performance 2. High strength crown belt layer and special buffer layer are designed to effectively absorb road impact and vibration during driving, and improve the comfort of tires 3. Four season pattern design, with a wider application environment 4. High density grooves are arranged in a staggered manner to effectively puncture the water film and ensure driving safety on slippery roads



► **SUV Tire 05**

Flatness ratio: 65/70/75  
Higher speed level: Q level  
3-layer sidewall structure  
Security enhancement

**Product description**

1. The strong pattern blocks are arranged in a crisscross manner to obtain strong traction under harsh off-road conditions 2. Solid anti-collision pattern armor is used at the shoulder of the tire side to effectively protect the tire from impact damage. At the same time, the extended shoulder pattern provides additional driving force to improve the trafficability and puncture resistance under rough off-road conditions 3. The application of high-strength skeleton materials with 7 layers of crown and 3 layers of side makes the tire durable and not afraid of the challenge of bad road conditions



Whether you are looking for a specific model, understand the technical parameters, or need to recommend the best tyre choice based on your driving environment and needs, our team of experts are here to provide you with comprehensive professional advice.





## 04/ WINTER TIRE





### ► Winter Tire-01

Inch range: 13~17  
 Speed level: T, H, S, R  
 Tyre width: 165 ~ 235  
 Range: 45, 55, 60, 65, 70, 75, 80

#### Product description

1. Asymmetrical pattern design is adopted to improve the fit between the tire and the ice and snow road surface, and improve the handling stability and driving safety 2. The optimized high-density knife slot design provides the performance of traction and braking on ice and snow roads 3. The larger pattern block design is adopted to enhance the rigidity of the pattern block at the tire shoulder and improve the ice and snow braking performance



### ► Winter Tire-02

Inch range: 13~17  
 Speed level: T, H, R  
 Tyre width: 155 ~ 235  
 Range: 45, 50, 55, 60, 65, 70, 75

#### Product description

1. " V " The zigzag directional pattern groove is conducive to removing snow and muddy water, and increasing the driving force of the tire 2. The tread formula adopts a new nano polymer. The rubber molecules remain active at low temperatures, remain soft and elastic at low temperatures, and increase the friction between the tire and the ground



### ► Winter Tire-03

Sales advantages: strong grip and high safety on ice and snow roads  
 Inch range: 17 ~ 20  
 Range: 40, 45, 50, 55

#### Product description

1. The driving surface is widened (compared with 4% increase), which improves more effective grip area and makes the vehicle travel more smoothly 2. Asymmetrical design is adopted for the pattern, which gives consideration to excellent controllability on the premise of ensuring snow performance 3. The zigzag shoulder pattern, misplaced main groove and blade groove design make the tire better embedded in the ice and snow road, providing a stable driving force for the vehicle



### ► Winter Tire-04

Sales advantages: strong grip and high safety on ice and snow roads  
 Inch range: 16 ~ 20  
 Range: 45, 50, 55, 60, 65, 70

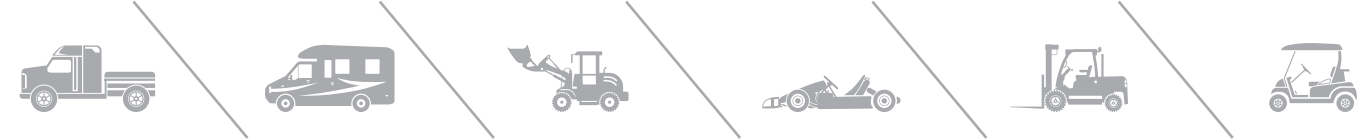
#### Product description

1. The transverse through grooves are conducive to the direct discharge of snow mud, providing the traction force for the vehicle to move forward and the friction force for braking, giving the vehicle good snow performance 2. The 3D three-dimensional steel sheet technology is applied to effectively restrain the deformation of the tread block during traction and braking, and increase the tire adhesion 3. Five longitudinal deep ditches can effectively improve the turning performance in snow and inhibit the chance of vehicles' sideslip when driving in snow



## 05/ COMMERCIAL VEHICLE TIRE





### ► Commercial Vehicle Tire-01

Inch range: 14 ~ 16  
 Speed level: R, T, H  
 Tyre width: 175 ~ 235  
 Specification series: 60, 65, 70, 75, 80

#### Product description

1. The shoulder adopts a closed design to improve the lateral rigidity of the tire and provide superior traction and braking capabilities 2. The double-layer high-strength steel wire belt layer is matched with the high-strength nylon crown belt layer to enhance the rigidity of the tread, reduce the creep of the tread bearing, and reduce the wear rate 3. The strong crown solid ribbon pattern design reduces the occurrence of abnormal wear and has a longer service life



### ► Commercial Vehicle Tire-02

Sales advantages: iron armor, sturdy and durable, and puncture resistance Inch range: 16  
 Speed level: N

#### Product description

1. Three layer carcass structure is adopted to improve tire support and impact resistance 2. The diamond groove design actively removes foreign matters in the groove, effectively improving the self-cleaning ability of the tire 3. Nano sized carbon black reinforcement, improving wear resistance



## 06/ FLAT TIRE





### ► Flat Tire-01

Inch range: 16~17

Speed level: W, Y

Tyre width: 205 ~ 225

Specification series: 45, 55

#### Product description

1. Advanced self-supporting air shortage protection technology is adopted, which can drive at 80km/h for 1 hour under zero air pressure, ensuring the safe driving of vehicles 2. The internal and external pitches are designed in different quantities, and a large number of steel sheets and grooves are used at the same time, so that the tire has excellent wetland performance and improves the wet skid resistance and drainage performance 3. The special four season tread formula is adopted, and the pattern stiffness is optimized at the same time; Meet the driving demand of vehicles in all seasons





## 07/ TRUCK TIRE





### ► Truck tire 1

Special formula and structure to reduce rolling resistance and enhance Fuel efficiency

#### Product description

**BENEFITS** • High mileage • Increased stability and reduced noise • Low rolling resistance • Minimum stone retention, extending casing life



### ► Truck tire 2

Drive wheel position for on/off-road. Suitable for multiple-purpose transport on multiple road surfaces.

#### Product description

Long Mileage Solution Deepened pattern depth to effectively prolong service life. Low Failure Solution- Specially designed pattern grooves can effectively protect against stone embed and avoid early damage. Open shoulder design to enhance good heat dissipation capacity. Transport Efficiency Solution Wide transverse groove to provide excellent traction and brake performance. Energy Efficiency Solution Directional pattern design to reduce rolling noise.



### ► Comfort Tire 3

Flatness ratio: 55/60/65  
Speed level: V/H  
Sidewall structure optimization  
Enhanced comfort and safety

#### Product description

1. Fine segmentation layout of patterned knife grooves and comprehensive control of silent wet grasping; 2. The design of flow guide rib can reduce the noise of air passing through, which is quiet and comfortable; 3. Optimize the tire contour design to make the tire ground pressure distribution more balanced, and maintain good grip under the condition of high-intensity driving;





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