

FIVE-STAR VEHICLE AUTOMOTIVE TECHNOLOGY
五星车辆 汽车品质



THE SILK ROAD / THE BELT AND ROAD INITIATIVE

The five-star vehicles contribute to the continuous improvement of the living standards of people around the world

丝路画卷/一带一路 五星车辆助力世界人民生活水平不断提升



SHANDONG WUXING VEHICLE CO,LTD

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SHANDONG WUXING VEHICLE CO,LTD



**FIVE STAR
VEHICLES**



WE WILL BE YOUR BEST PARTNER

我们将是您最佳的合作伙伴

合作 发展 交流 共赢

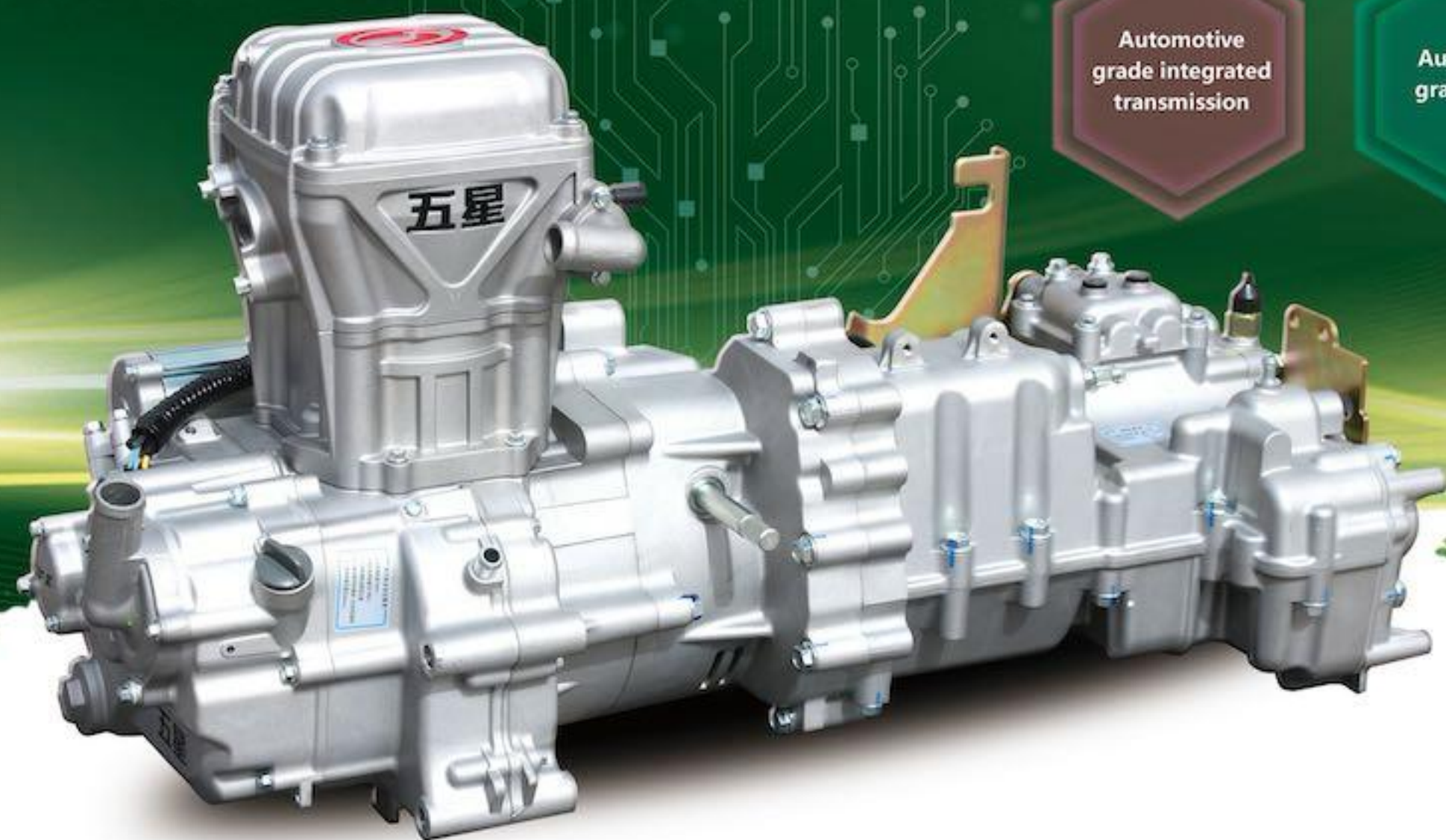
EXCHANGED ALL-WIN IN COOPERATION AND DEVELOPMENT



COMPANY INFORMATION

The industry of Shandong Five Star Vehicle Co., Ltd. began in 1997, and now covers a series of products of three-wheeled motorcycles and three-wheeled electric vehicles, and is one of the main manufacturing bases of three-wheeled bicycles in China.

In 2021, Weichai Group completed the strategic restructuring of Weichai Rewo Smart Agriculture. Based on the development strategy, Shandong Five Star Vehicle Co., Ltd. was established in 2022 to implement a new management model for the vehicle business. In the future, Five Star Vehicle will rely on the excellent operation platform and leading scientific and technological level of the companies of Weichai Group, focus on products and markets, continue to promote management innovation and scientific and technological innovation, expand business areas, break through high-end technology, create new competitive advantages with first-class products and first-class services, achieve new leap-forward, and lead the development of the industry.



Automotive
grade power
distribution layout

Automotive
grade starting
mechanism

Automotive
grade integrated
transmission

Automotive
grade clutch

SINGLE-CYLINDER ENGINE

○Power Upgrade:

The power has been enhanced. The cylinder capacity has been increased, resulting in a 10% improvement in power performance.

○Heat Dissipation Upgrade:

The heat sink has been thickened, and internal cooling channels have been added to improve the cooling performance.

○Comfort Upgrade:

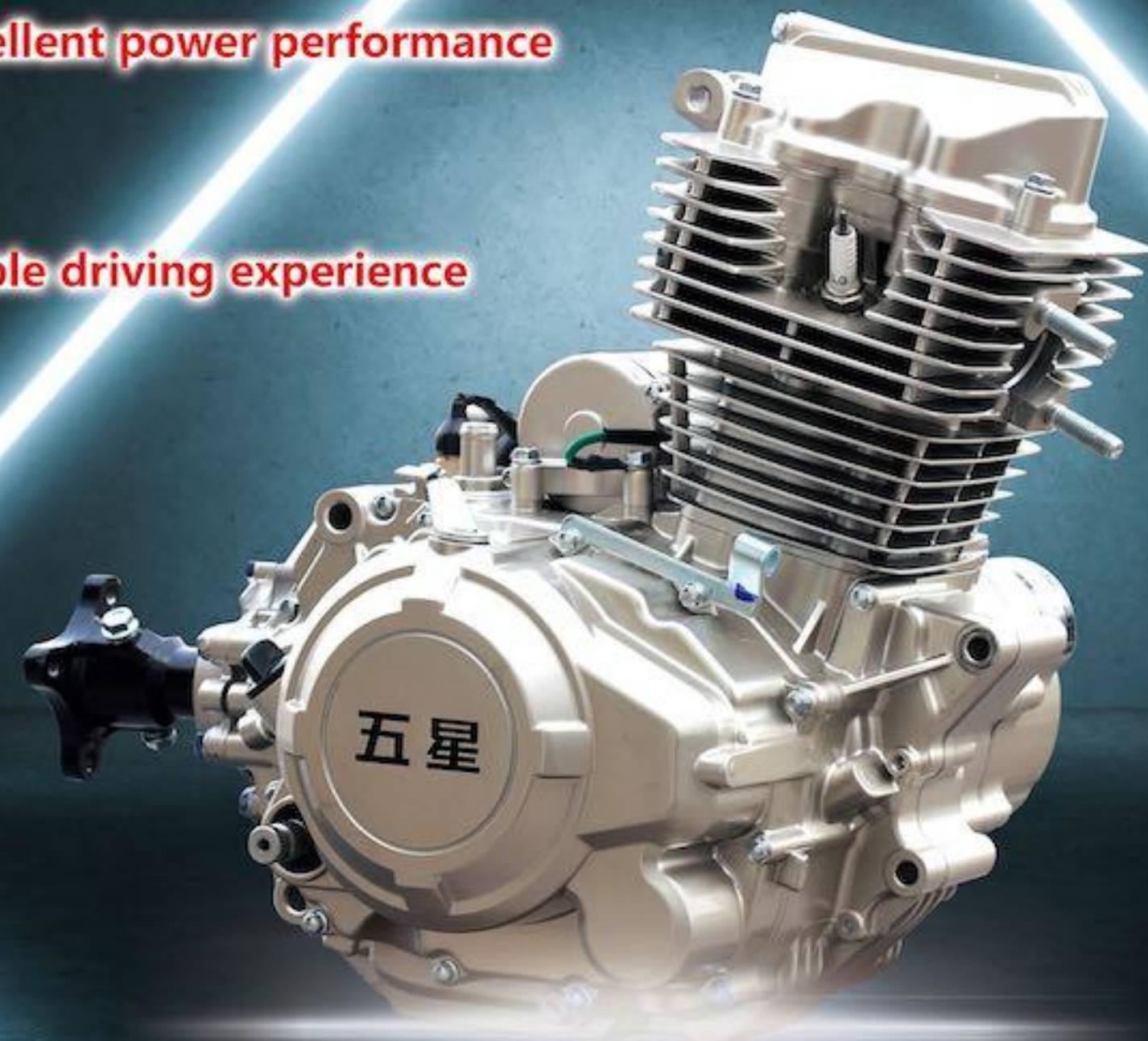
The clutch and reverse lever have been lengthened and their angles have been optimized, making the shifting process more smooth. The transmission ratio has been optimized, reducing the jolts during shifting.

Convenient and efficient maintenance

Excellent power performance

Comfortable driving experience

Enhanced reliability



CENTRAL-AXIS ENGINE

○Excellent power performance:

Power increased by more than 10%, capable of carrying more and running faster.

○Enhanced reliability:

Reverse gear specifications have been increased to solve issues like gear teeth breaking and reverse gear disengagement. The gearbox can intake oil 360 degrees within the casing, ensuring lubrication.

○Convenient and efficient maintenance:

The transmission can be repaired without disassembling the casing.

○Comfortable driving experience:

Centralized power output design reduces resonance, providing high comfort.

Star Power II POWERFUL



ADVANTAGES OF THE STAR POWER II GENERATION

○Runs fast:

Maximum speed can reach 55 km/h, with improved acceleration performance;

○Powerful:

Full-load climbing ability increases by 42%, providing strong power;

○Good heat dissipation:

The shell has been upgraded, increasing the heat dissipation area and improving heat dissipation effect;

○Waterproof:

Added controller phase line cover, excellent waterproof performance;

○Good braking:

Standard brake assist, electronic parking brake, and hill descent functions, enhancing safety in mountainous areas;

○Reliability:

Controller optimization reduces failure rate and improves reliability;

○Adaptability:

Rear axle speed ratio can be flexibly selected to meet different regional usage needs, with strong adaptability.

Five-star water-cooled motor

WATER-COOLING IS POWERFUL

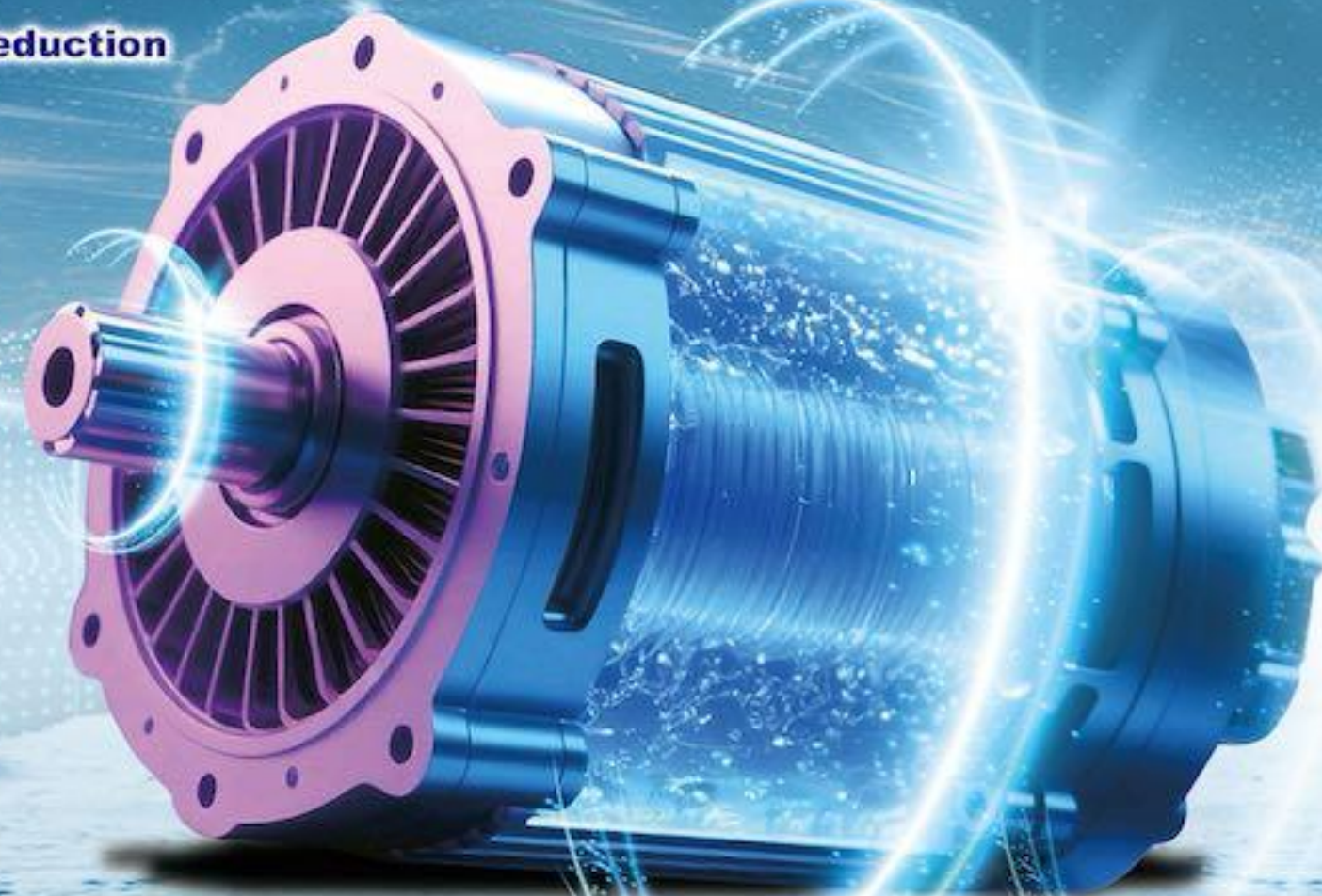
Industry benchmark innovation-driven

Introducing a new standard for freight that is efficient, powerful, and durable.

WATER
COOLED MOTOR

WATER
COOLED ELECTRONIC CONTROL

- High-efficiency water cooling
- powerful engine
- low-temperature operation
- long-lasting endurance
- energy-saving and consumption reduction
- silent technology
- green future
- ultimate experience





Product introduction

DIESEL TRICYCLE



7YP-1150D1N4

Engine: Changchai 1105 engine;

Cargo box: 2200 * 1350 * 450mm;

tires: 6.00-14/6.50-16;

Rear axle: 8-speed full floating oil brake rear axle;

Starting battery: 12v100ah maintenance free camel battery;

Rated load capacity: 2500kg;



7YP-1475D4B

Engine: L24Y engine;

Cargo box: 2420 * 1500 * 400mm;

tires: 6.00-14/7.50-16;

Rear axle: 8-speed full floating oil brake rear axle;

Starting battery: 12v120ah maintenance free camel battery;

Rated load capacity: 3000kg;



7YP-1750D4B

Engine: Changchai T25 engine;

Cargo box: 2360 * 1500 * 450mm;

tires: 6.00-14/7.50-16;

Rear axle: full floating oil brake with 10th gear rear axle;

Starting battery: 12v120ah maintenance free camel battery;

Rated load capacity: 3000kg;

DIESEL TRICYCLE



7YP-1750D1N4

Engine: Changchai 1115 engine;

Cargo box: 2420 * 1500 * 450mm;

tires: 6.00-14/7.00-16;

Rear axle: 8-speed full floating oil brake rear axle;

Starting battery: 12v120ah maintenance free camel battery;

Rated load capacity: 3000kg;



7YPJ-1450D4N4

Engine: CF25 engine;

Cargo box: 2700 * 1600 * 450mm;

tires: 6.00-16/7.50-16;

Rear axle: 8-speed full floating oil brake rear axle;

Starting battery: 12v120ah maintenance free camel battery;

Rated load capacity: 2500kg;

THTEE WHEELED MOTORCYCLE



WX110ZH-21D

Engine: 110CC air-cooled engine;
Cargo box: 1500 * 1000 * 260mm;
tires: 3.50-12/4.00-12;
Front suspension: 33mm;
rear axle: semi floating mechanical rear force added;
Fuel tank capacity: 10L;
Starting battery: 12v9ah maintenance free battery;
Rated load capacity: 500kg;



WX150ZH-21D

Engine: 150CC air-cooled engine;
Cargo box: 1700 * 1250 * 340mm;
tires: 4.50-12/4.50-12;
Front suspension: 50mm;
rear axle: fully floating mechanical rear force added;
Fuel tank capacity: 13L;
starting battery: 12v9ah maintenance free battery;
Rated load capacity: 600kg;

THREE WHEELED MOTORCYCLE



WX150ZH-22D

Engine: 150CC air-cooled engine;

Cargo box: 1800 * 1250 * 300mm;

tires: 5.00-12/5.00-12;

Front suspension: 50mm;

rear axle: fully floating mechanical rear force added;

Fuel tank capacity: 13L;

starting battery: 12v9ah maintenance free battery;

Rated load capacity: 600kg;

WX150ZH-25D

Engine: 130CC air-cooled engine;

Cargo box: 1500 * 1000 * 260mm;

tires: 3.50-12/4.00-12;

Front suspension: 33mm;

rear axle: semi floating mechanical rear force added;

Fuel tank capacity: 10L;

Starting battery: 12v9ah maintenance free battery;

Rated load capacity: 500kg;



WX150ZH-26E

Engine: 150CC water-cooled engine;

Cargo box: 1800 * 1200 * 320mm;

tires: 4.00-12/4.50-12;

Front suspension: 43mm;

rear axle: fully floating mechanical rear force added;

Fuel tank capacity: 18L;

starting battery: 12v23ah maintenance free battery;

Rated load capacity: 800kg;

THREE WHEELED MOTORCYCLE



WX175ZH-22D

Engine: 175CC air-cooled engine;
Cargo box: 1800 * 1300 * 400mm;
tires: 5.00-12/5.00-12;
Front suspension: 50mm;
rear axle: fully floating mechanical rear force added;
Fuel tank capacity: 18L;
starting battery: 12v9ah maintenance free battery;
Rated load capacity: 800kg;

WX175ZH-21E

Engine: 175CC water-cooled engine;
Cargo box: 1800 * 1200 * 320mm;
tires: 5.00-12/5.00-12;
Front suspension: 50mm;
rear axle: fully floating mechanical rear force added;
Fuel tank capacity: 21L;
Starting battery: 12v14ah maintenance free battery;
Rated load capacity: 800kg;



WX175ZH-22E

Engine: 175CC water-cooled engine;
Cargo box: 1800 * 1200 * 360mm dump box;
Tires: 5.00-12/5.00-12;
Front suspension: 50mm;
rear axle: full floating oil brake with mid mounted force added;
Fuel tank capacity: 21L;
Starting battery: 12v18ah maintenance free battery;
Rated load capacity: 800kg;



THTEE WHEELED MOTORCYCLE



WX200ZH-26D

Engine: 200CC air-cooled engine;

Container: 1800 * 1300 * (320+300) mm;

Tires: 5.00-12/5.00-12;

Front suspension: 50mm;

rear axle: fully floating mechanical rear force added;

Fuel tank capacity: 15L;

starting battery: 12v9ah maintenance free battery;

Rated load capacity: 800kg;



WX200ZH-35D

Engine: 200CC air-cooled engine;

Cargo box: 2000 * 1350 * 320mm;

tires: 5.00-12/5.00-12;

Front suspension: 50mm;

rear axle: fully floating mechanical rear force added;

Fuel tank capacity: 18L;

starting battery: 12v14ah maintenance free battery;

Rated load capacity: 1000kg;

THREE WHEELED MOTORCYCLE

WX200ZH-36E

Engine: 200CC water-cooled engine;

Container: 2000 * 1350 * (320+360) mm;

Tires: 5.00-12/5.00-12;

Front suspension: 50mm;

rear axle: fully floating mechanical rear force added;

Fuel tank capacity: 18L;

starting battery: 12v14ah maintenance free battery;

Rated load capacity: 1000kg;



WX200ZH-40E

Engine: 200CC water-cooled engine;

Cargo box: 2000 * 1350 * 320mm;

tires: 5.00-12/5.00-12;

Front suspension: 50mm;

rear axle: fully floating mechanical rear force added;

Fuel tank capacity: 18L;

starting battery: 12v14ah maintenance free battery;

Rated load capacity: 1000kg;



THREE WHEELED MOTORCYCLE

WX200ZH-48E

Engine: 200CC water-cooled engine;
Cargo box: 2200 * 1350 * 360mm;
Tires: 5.00-12/5.00-12;
Front suspension: 50mm;
Rear axle: fully floating mechanical rear force added;
Fuel tank capacity: 21L;
Starting battery: 12V14Ah maintenance free battery;
Rated load capacity: 1500kg;



WX200ZH-49E

Engine: 200CC water-cooled engine;
Cargo box: 2200 * 1350 * 360mm dump box;
Tires: 5.00-12/5.00-12;
Front suspension: 50mm;
Rear axle: full floating oil brake with mid mounted force added;
Fuel tank capacity: 21L;
Starting battery: 12V14Ah maintenance free battery;
Rated load capacity: 1500kg;



WX200ZH-54E

Engine: 200CC water-cooled engine;
Cargo box: 2200 * 1350 * 360mm;
Tires: 5.00-12/5.00-12;
Front suspension: 36mm;
Rear axle: fully floating mechanical rear force added;
Fuel tank capacity: 28L;
Starting battery: 12V23Ah maintenance free battery;
Rated load capacity: 1500kg;

THREE WHEELED MOTORCYCLE



WX250ZH-24E

Engine: 250CC water-cooled engine;

Cargo box: 2200 * 1350 * 360mm dump box;

Tires: 5.00-12/5.00-12;

Front suspension: 50mm;

rear axle: full floating oil brake with mid mounted force added;

Fuel tank capacity: 21L;

starter battery: 12v28Ah water battery;

Rated load capacity: 1500kg;



WX250ZH-68E

Engine: 250CC water-cooled engine;

Cargo box: 2200 * 1350 * 360mm;

tires: 5.00-12/5.00-12;

Front suspension: 50mm;

rear axle: fully floating hydraulic brake with rear force application;

Fuel tank capacity: 21L;

Starting battery: 12v18ah maintenance free battery;

Rated load capacity: 1500kg;

WX300ZH-50E

Engine: 300CC water-cooled engine;

Container: 2550 * 1500 * 360mm dump box;

Tires: 5.00-12/5.00-12 (double);

Front suspension: 60mm;

Rear axle: Full floating oil brake with mid mounted force added;

Fuel tank capacity: 21L;

Starting battery: 12v23ah maintenance free battery;

Rated load capacity: 2000kg;



THREE WHEELED MOTORCYCLE

WX1000ZH-80E

Engine: 1000CC multi cylinder engine;

Cargo box: 2600 * 1500 * 400mm dump box;

Tires: 6.00-13/6.00-13;

Front suspension: 43mm;

rear axle: full floating oil brake with front force added;

Fuel tank capacity: 28L;

Starting battery: 12v45ah maintenance free battery;

Rated load capacity: 3000kg;



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ELECTRIC TRICYCLE



WX500DZH-5

Vehicle dimensions: 2130 * 880 * 1680mm;

Power: 48V500W motor;

Front suspension: 31mm;

Front and rear tires: 3.00-10/3.00-10 vacuum tires;

WX500DZH-7

Vehicle size: 1940 * 830 * 1000mm;

Power: 48V500W motor;

Front suspension: 27mm;

Front and rear tires: 3.00-10/3.00-10;



WX800DZH-16

Container size: 1500 * 1000 * 300mm;

Power: 60V800W motor;

Front suspension: 33mm;

Front and rear tires: 3.50-12/3.75-12;

Rear axle: mechanical semi floating integral;

Rated load capacity: 500kg;



ELECTRIC TRICYCLE



WX800DZH-17

Container size: 1600 * 1100 * 300mm;

Power: 60V1000W motor;

Front suspension: 33mm;

Front and rear tires: 3.75-12/4.00-12;

Rear axle: mechanical semi floating integral;

Rated load capacity: 600kg;

WX1000DQZH-15

Vehicle dimensions: 2530 * 1160 * 1670mm;

Power: 60V1000W motor;

Front suspension: hydraulic shock absorber;

Front and rear tires: 4.00-10/4.00-10;

Braking system: front and rear disc brakes;

Rated load capacity: 300kg;



ELECTRIC TRICYCLE



WX1000DZH-30

Container size: 1600 * 1100 * 300mm;

Power: 60V1200W motor;

Front suspension: 37mm;

Front and rear tires: 3.75-12/4.00-12;

Rear axle: mechanical semi floating integral;

Rated load capacity: 600kg;

WX1200DQZH-7

Vehicle size: 2640 * 1300 * 1630mm;

Power: 60V1200W motor;

Front suspension: hydraulic shock absorber;

Front and rear tires: 4.00-10/4.00-10;

Braking system: integrated disc brake;

Rated load capacity: 400kg;



ELECTRIC TRICYCLE



WX1200DQZH-5

Container size: 1800 * 1300 * 300mm;

Power: 60V1200W motor;

Front suspension: 43mm;

Front and rear tires: 4.00-12/4.50-12;

Rear axle: mechanical semi floating integral;

Rated load capacity: 800kg;

WX1200DZH-20

Container size: 1800 * 1200 * 320mm;

Power: 60V1500W motor;

Front suspension: 43mm;

Front and rear tires: 4.00-12/4.50-12;

Rear axle: mechanical fully floating integral;

Rated load capacity: 800kg;



WX2200DQZH-3

Container size: 2000 * 1350 * 360mm;

Power: 72V2200W motor;

Front suspension: 36mm;

Front and rear tires: 5.00-12/5.00-12;

Rear axle: hydraulic fully floating integral;

Rated load capacity: 1000kg;

ELECTRIC TRICYCLE



WX2200DZH-29

Container size: 2000 * 1350 * 360mm;

Power: 72V2200W motor;

Front suspension: 50mm;

Front and rear tires: 5.00-12/5.00-12;

Rear axle: hydraulic fully floating integral;

Rated load capacity: 1000kg;



WX2500DZH-1

Vehicle size: 3300 * 1360 * 1800mm;

Power: 72V2500W motor;

Front suspension: hydraulic spring;

Front and rear tires: 125/65R12/125/65R12;

Curb weight: 380kg;

rated passenger capacity: 7 people;

Battery: 72v140ah lithium iron phosphate battery;

Charging time: 8 hours;

WX2500DZH-39

Container size: 2200 * 1350 * 360mm;

Power: 72V2500W motor;

Front suspension: 50mm;

Front and rear tires: 5.00-12/5.00-12;

Rear axle: hydraulic fully floating integral;

Rated load capacity: 1500kg;



合作 发展 交流 共赢
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