





Jh600 series purchase guide

Manufacturer: China Jialing Industrial Co., Ltd.(Group)
General Sales Agent: Jialing Group Foreign
Trade&Development Corporation
Add: Shuangbei, Chongqing, China
Post Code: 400032
Http://www.jialingchina.com.cn en.jialing.com.cn
E-mail: ceo@jialingchina.com.cn sales@jialingchina.com.cn
Tel: 86-23-65193370 86-23-65193371
86-23-65194103 86-23-65192772
Fax: 86-23-65194099 86-23-65192933





# About us



China Jialing Group is a national large scale group with motorcycle, engine, special equipment, optical photovoltaic, and auto components as the leading industry, who possesses a total asset of more than CNY 5 billion, with more than 10,000 employees. Jialing was founded in 1875. In 1979, Jialing produced the first motorcycle for civil use, who is the founder and leader of the Chinese motorcycle industry.

In 1981, Jialing established the technology cooperation with Honda co.ltd. Japan, which is the first motorcycle enterprise who carried out international cooperation in China; in 1987, China Jialing Industrial Group was set up; the stock "China Jialing" was listed in Shanghai Stock Exchange in 1995.

In early 1990s, Jialing carried out its industrial layout in domestic and overseas market and formed 4 subsidiary companies in China, which are located in Guangdong, Shanghai, Chongqing and Henan. In abroad, Jialing established factories in south-east Asia, South America and other regions, and its products are exported to over 90 countries and regions, with the main proprietary brand name "Jialing" and "Traxx" in overseas market. China Jialing Group has become an international well-known enterprise. China Jialing is always applying itself to nurturing core technology, developing and manufacturing the intellectual property products, to enhance the core competence, who is always the pioneer in Chinese motorcycle industry in the respect of technical innovation, quality, service etc.. Now, Jialing possesses over 100 motorcycle models, more than 10 different displacement ranging from 50ml to 600ml. Up till now, Jialing has sold over 18 million motorcycles, taking 1 / 6 of the market maintenance in China, with production capacity of 2 million units of vehicles annually. The company owns the well-established system of R & D, manufacturing, quality, supplying and marketing, with advanced process technology, perfect assembly means and quality management system, who has a state-level enterprise technology center (the first enterprise center in Chinese motorcycle industry), a post-doctoral scientific research work station, a motorcycle quality testing station, five domestic production bases, five overseas subsidiaries. It has formed a nationwide network of marketing services with more than 10,000 marketing outlets and more than 300 cooperative enterprises; with the strongest R & D ability among the industry, established complete R&D system, who is the first in the industry to own a large displacement motorcycle technology, 600cc, processes the systemic integration ability of products development, and strong manufacturing ability of engines and core components.

China Jialing has taken the lead in the industry in obtaining the ISO9001-2000 quality management system certification, ISO14001 environmental management system certification and UKAS (United Kingdom royal crown recognition) environment system certification. Jialing trademark is the first "national well-known trademark" in Chinese motorcycle industry with brand value of CNY 8.135 billion.

In the future, China Jialing will go on with a world perspective and vision, adhere to the purpose of "people-oriented, strengthen the company and enrich the people", with the active concern on environment, social and human requirement, to provide the most valuable goods and services for improving the personal transport means and special vehicles. Jialing will be an excellent manufacturer, the disseminators of culture, and a respectable global group.

	Technical Parameter
Item	Technical Parameter
Dimension	2280 mm x 1580 mm x 1325 mm
Wheel Base	1540 mm
Wheel Tread	1080 mm
Max Load	340 kg
Minimum Turning Radius	<6m (Left: 5920mm; Right: 4840mm)
Turning Mode	cogradient turning of Side wheel and main turning qheel
Engine Mode	single cylinder, 4 stroke, 4 valves, SOHC, water-cooling, 589.9cc engine.
Gear System	4 forward Gear, 1 neutral gear and 1teverse Gear.
Safty Start Device	Clutch-Start-Control Device, when not in neutral gear, then need to clip the clutch for start
Fuel System	EMS electric fuel injection control system
Exhaust Control System	circle-close EFI system with 3-way catalyst device.
Gasoline Type	≥ 93# unlead gasoline
Gas Emission Standard	EURO-II
Starting Molde	Electric Start
Engine Type	JL194-MS-3
Calibrated Power	27kw
Max Power	28.5kw/600rpm
Calibrated Torque	48 n.m
Max Torque	50 n.m
Wattiefe	350mm
Economic Fuel Consumption	<5L (50km/h)/100km under full load condition
	<5L (50km/h)/101km under normal load condition
Endurance Mileage	350km
Max Speed	≥ 100km/h under full load condition
	≥ 120km/h under normal load condition
Gradeability	≥ 30.
Fuel Tank Volume	19L: main fuel tank ≥15.5L, sub-fuel tank ≥3.5L
Brake Mode	front wheel-side wheel linked: hydraumatic disc brake
	rear wheel-side wheel linked: hydraumatic disc brake
Brake Length	<5m (30km/h)
Hill-holding Ability	≥12·with full load condition
Tyre Size	4.10-18 7P 8 PR, tyre exchangeable.
Tyre Pressure	F: 350KPA; R: 450KPA, Side Tyre: 380KPA
Side Car Volume	≥ 60L
Luggage Carrier Load	≥ 50kg





# JH600BJ







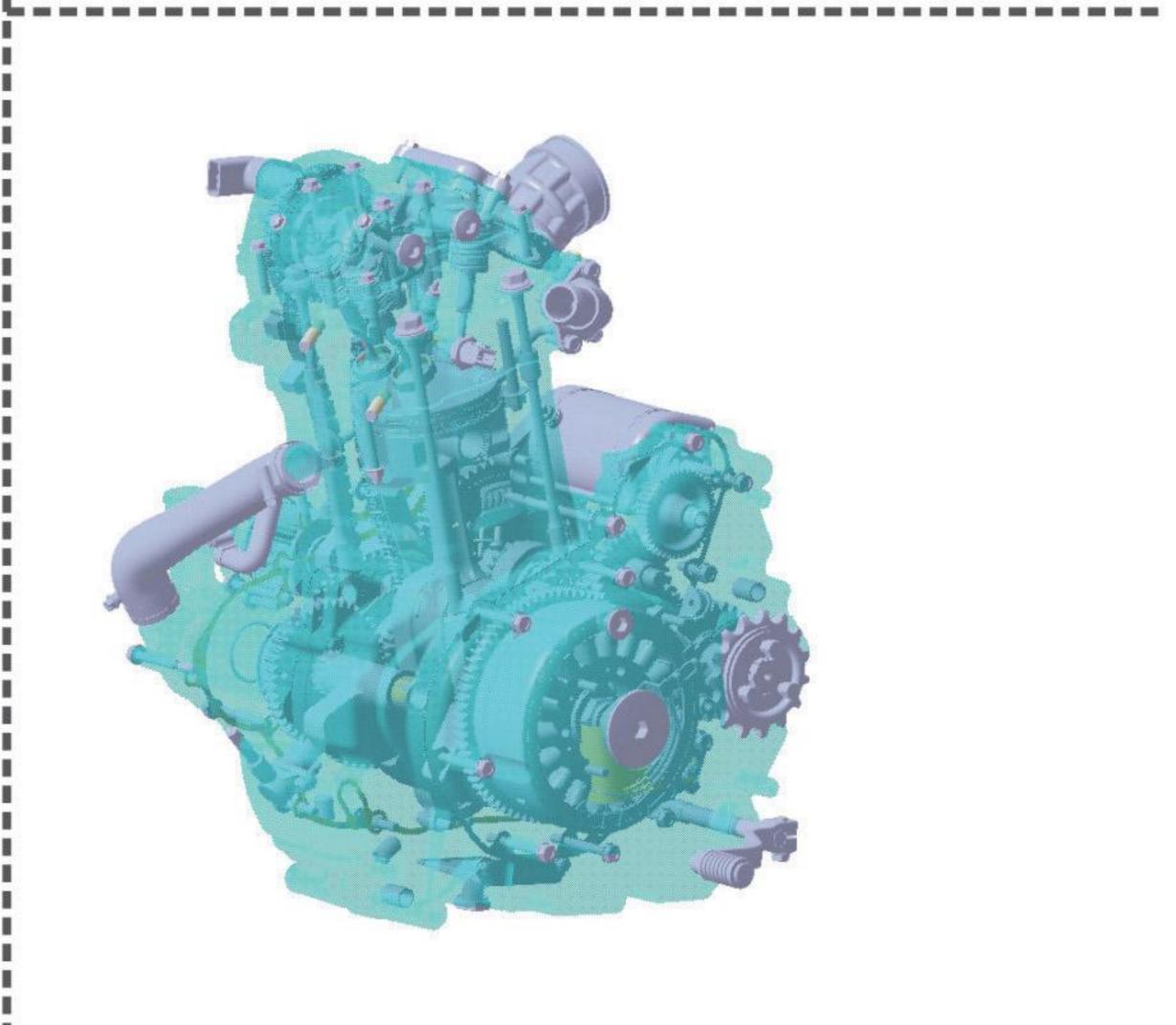


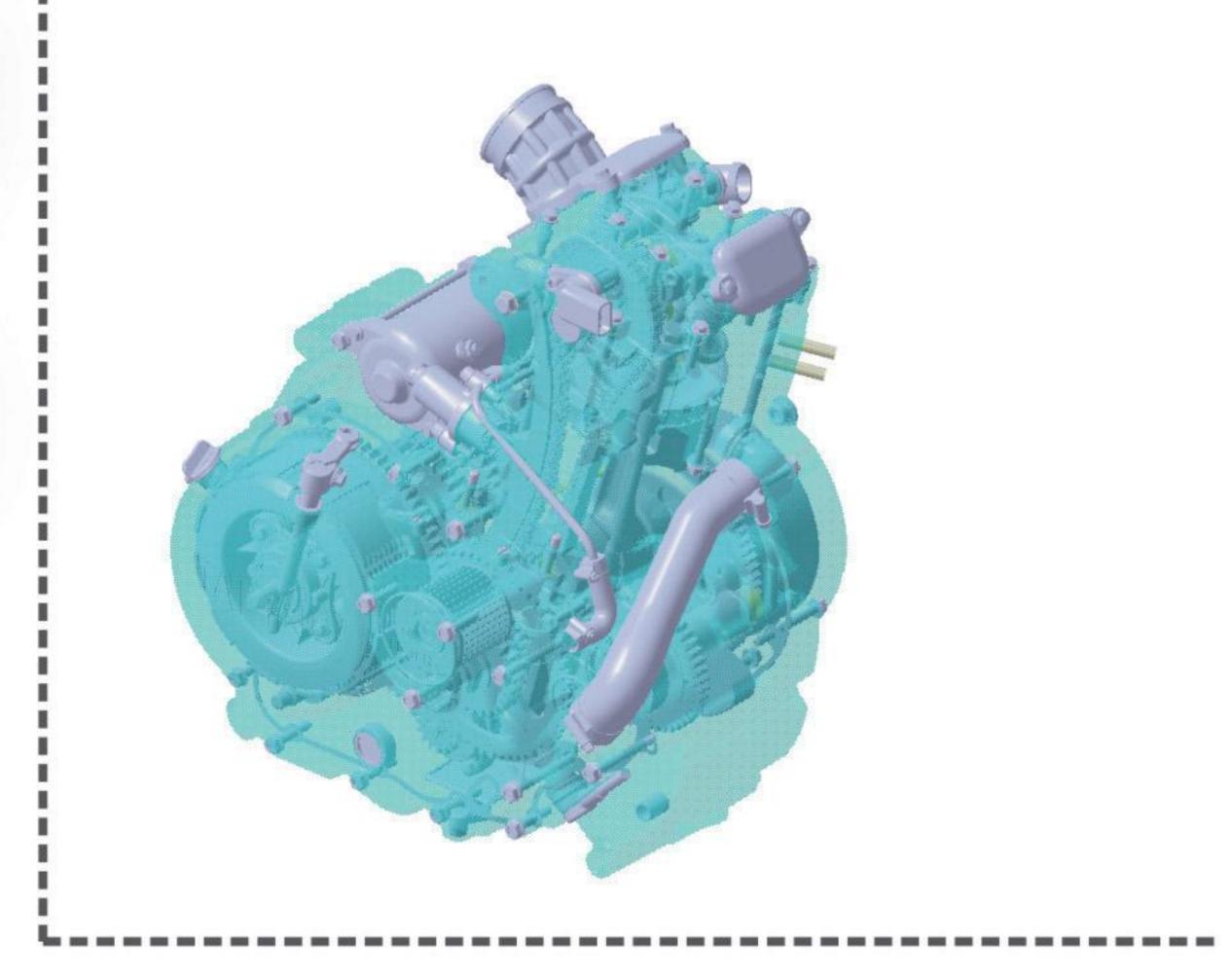








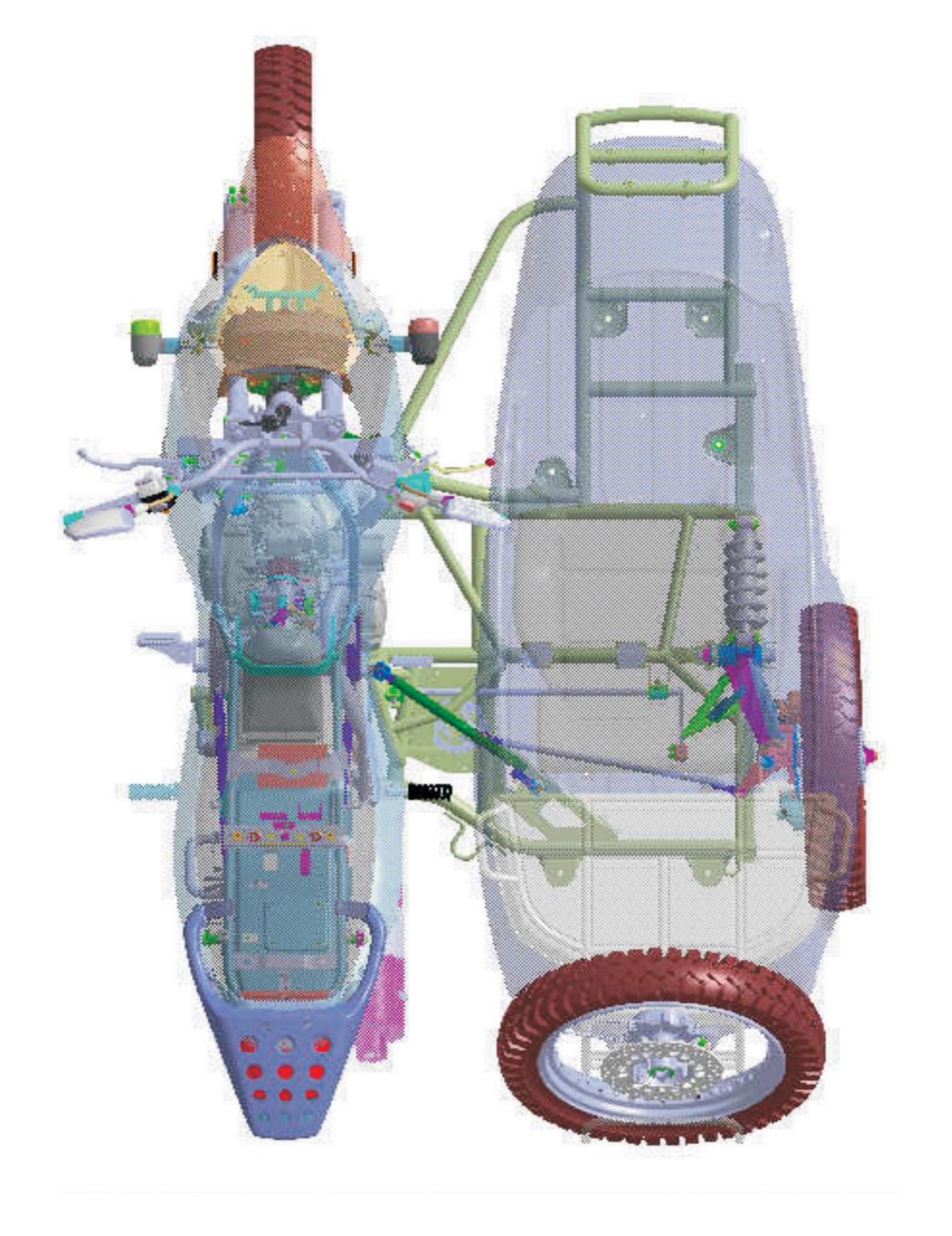




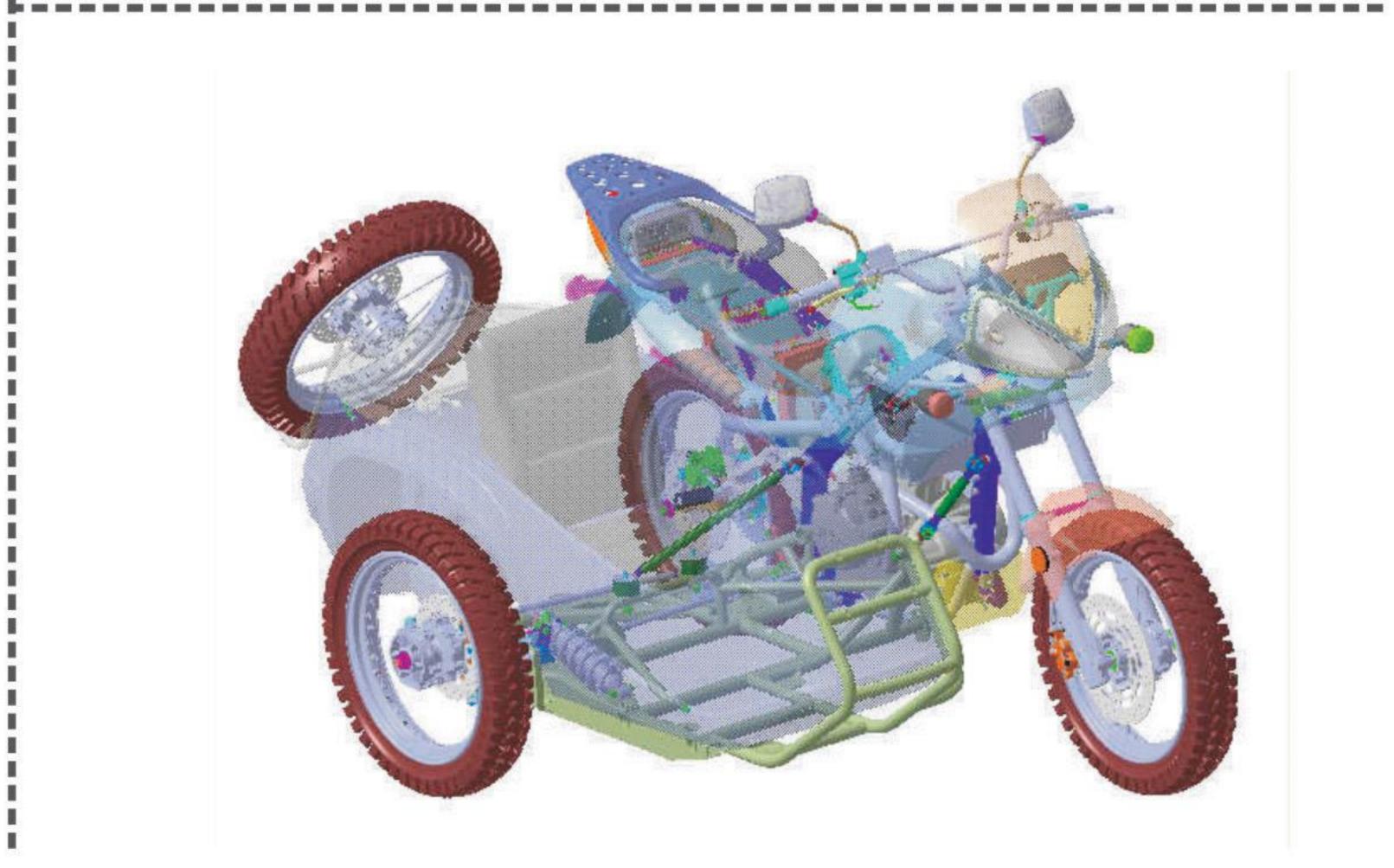
# Lives For The Conquest

Engine

The 600cc engine, co-developed by JIALING and Austria AVL Company, is of single cylinder, 4 stroke, 4 valves and EFI system, achieves 50N.M as max torque and offers tremendous power together with stable quality. The 5 gears system offers four forward gears and one reverse gear as long as the convenient gearshifting.



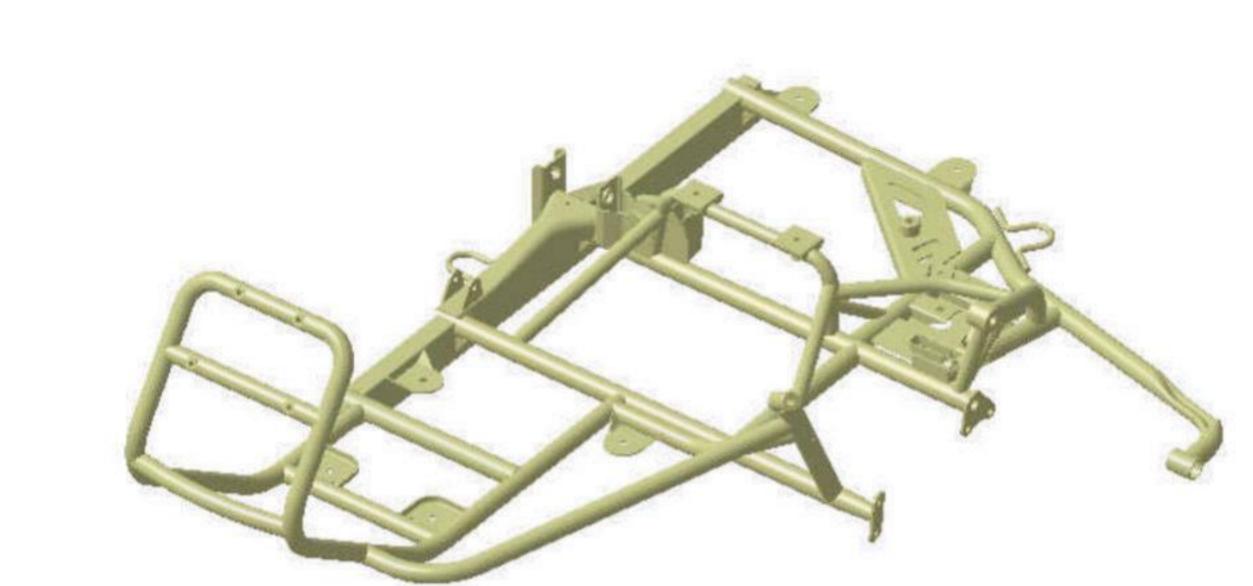


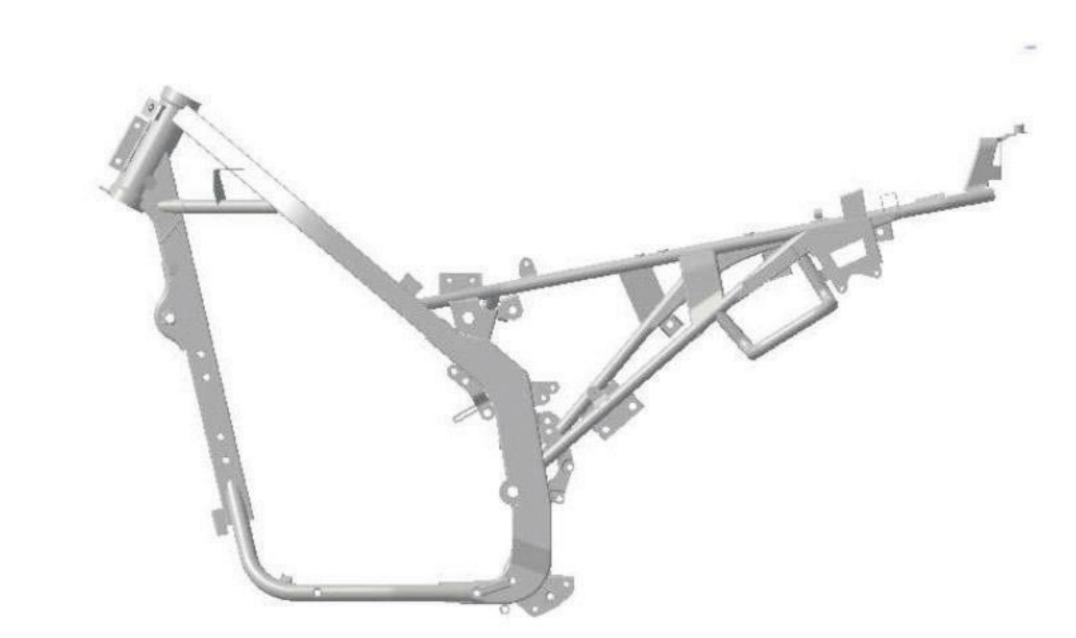


# Chassis

The chassis used high-intensity Q345 complex alloy steel as raw material and twin cradle chassis structure together with detachable side car frame, which offers stable and comfort riding, even under 100km/h speed.

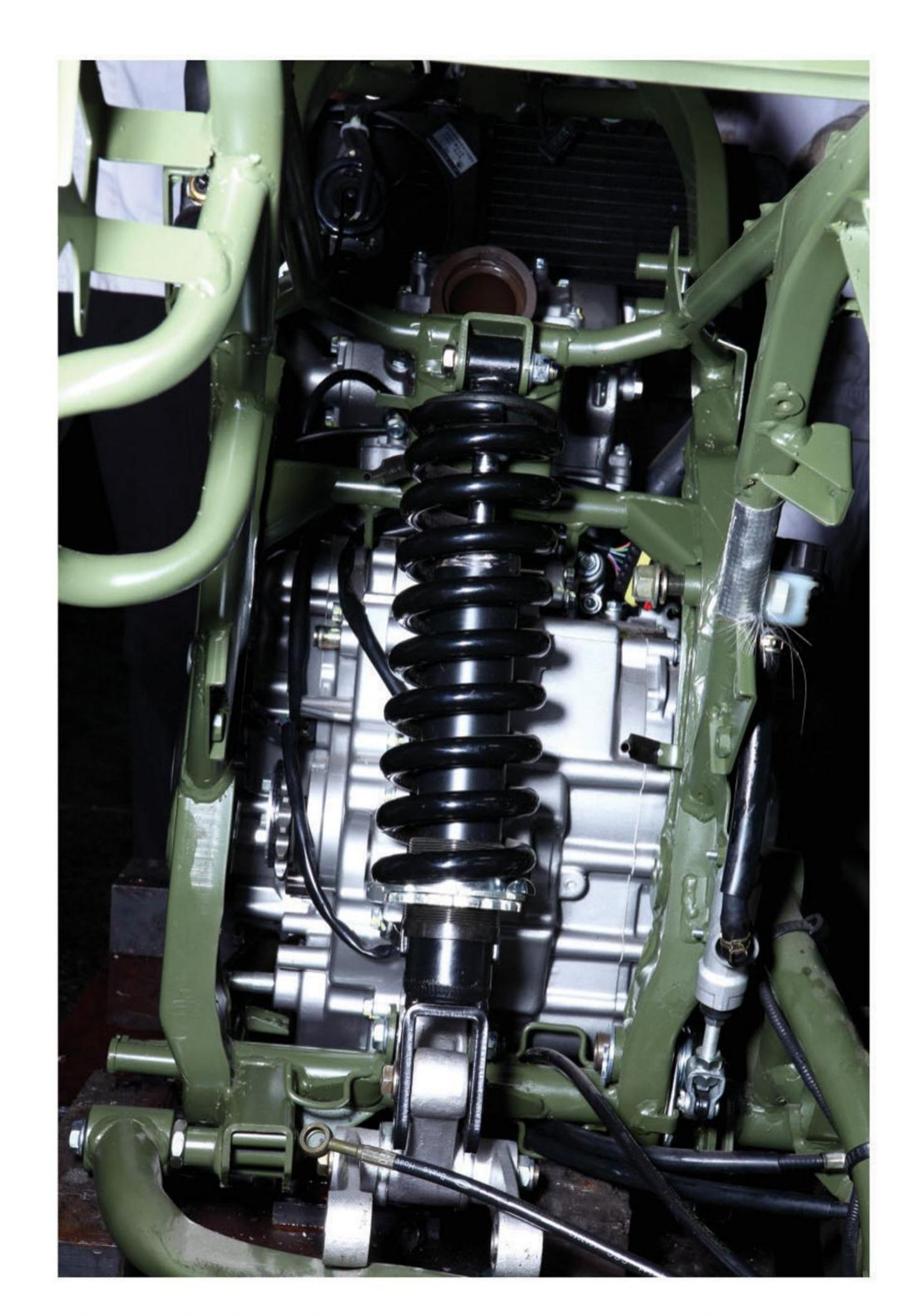












Central shock absorber for main frame



Shock absorber for side car

## Enhanced-Resilience Spring Shock Absorber System

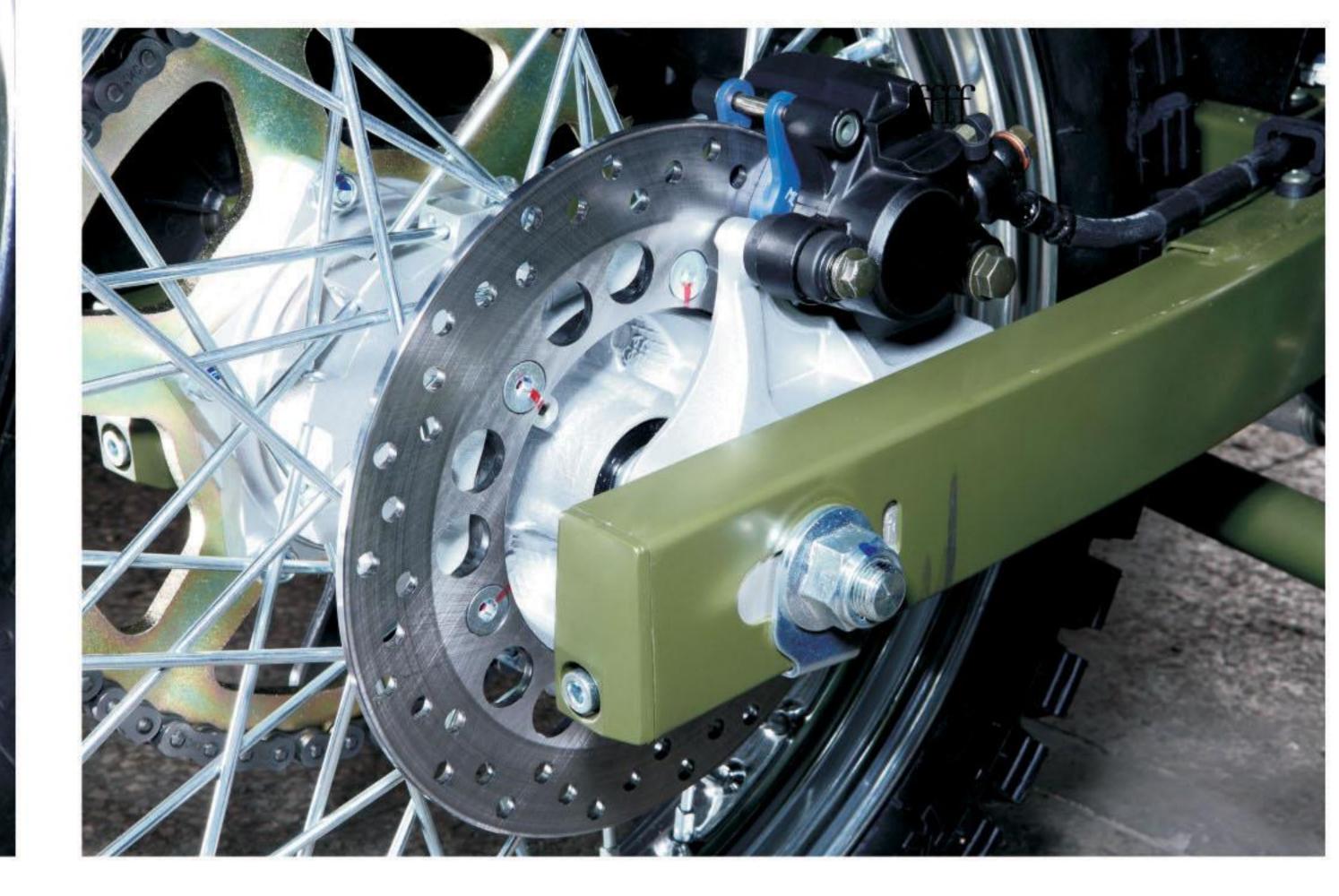
The whole vehicle suspension system used JAPANESE SHOWA enhanced-resilience spring shock absorber, which offers stable and comfort driving even on ruff road condition.

## Disc Brake System, Linked Cogradient Brake System

The brake system used American ASIMCO disc brake shoe and disc plate, while the front wheel and the side wheel are of linked cogradient brake function, which offered short brake length and low brake side—heeling. With KENDA tyre used, the whole vehicle has enhanced wear resistant ability and ground—grasping ability.







### Reverse Gear System

The vehicle is of a reverse gear system which is changed and operated by an "R" handle. With this device, the vehicle is enabled with great forward-reverse motility.







## Cogradient Turning System of Side Wheel and Main Turning Wheel

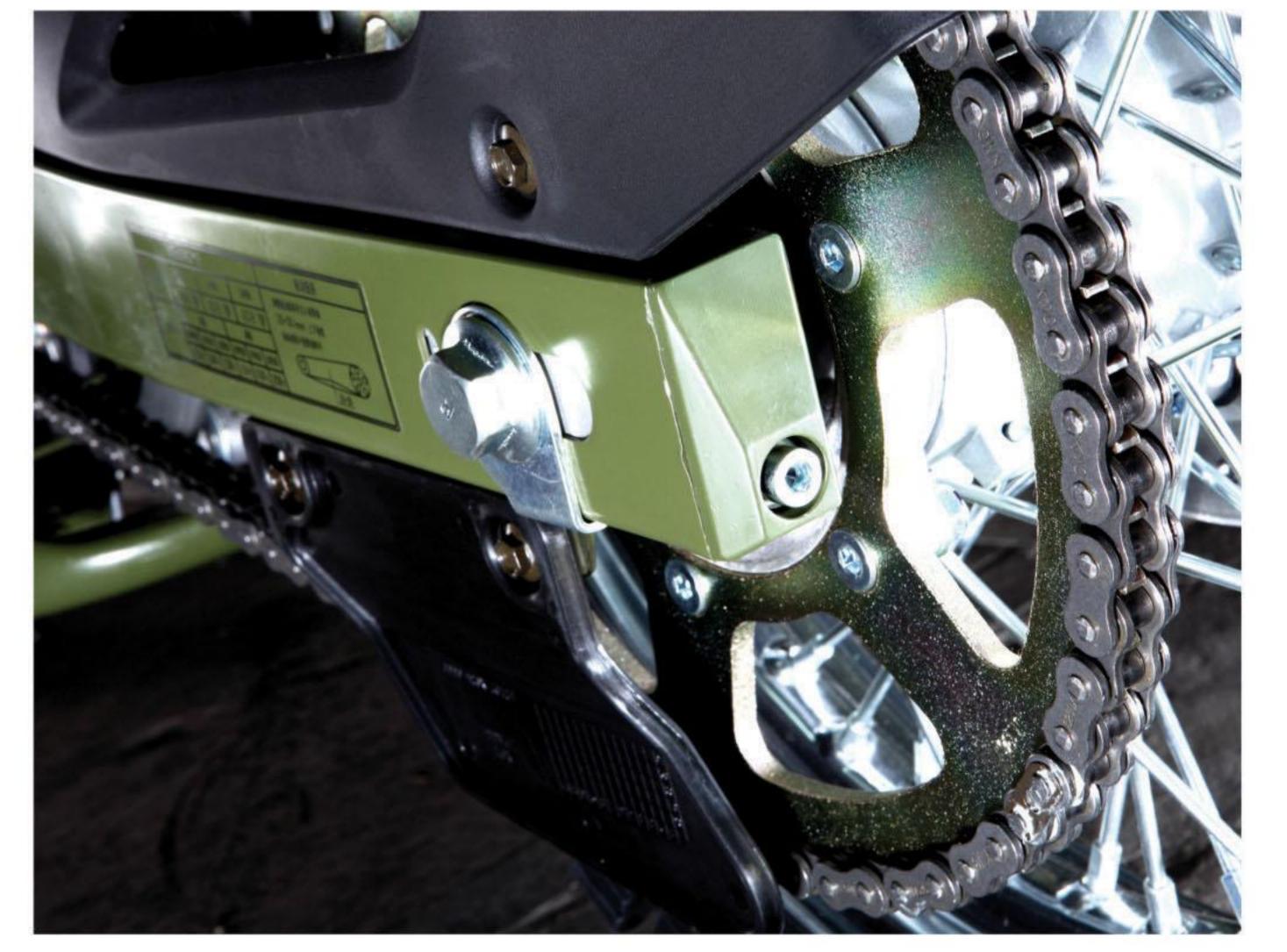
With the advanced international technology used, the vehicle's side wheel and main turning wheel can turn in a cogradient way, thus to minimize the turning radius, increase the stability in turning under high speed, minimize the side—heeling and achieve the motility and safety during driving.





### BOSCH EFI SYSTM

The vehicle used Germany BOSCH circleclose EFI fuel injection system, which offered accurate control for fuel injection to guarantee the excellent performance even under severe environment and achieved an efficient fuel-saving.



#### OIL-SEALED CHAIN

The chain used is oil—sealed type. Each chain hole has an O-ring oil seal in side to seal the lubrication oil for the chain, thus to avoid chain twisting, to offer good lubrication, to lower maintenance frequency and to increase the chain's service life.



### OVERSIZED STORAGE ROOM

The chain used is oil-sealed type. Each chain hole has an O-ring oil seal in side to seal the storage room for facilities and luggage.

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#### INTELLIGENT INSTRUMENT

The intelligent instrument used is of automobile standard, which enabled the driver can effect proper driving operation by judging driving message timely indicated on.



#### SLIDABLE SEAT OF SIDE CAR

The side car seat is slidable and adjustable, which offers a comfort and convenience for passenger in journey.





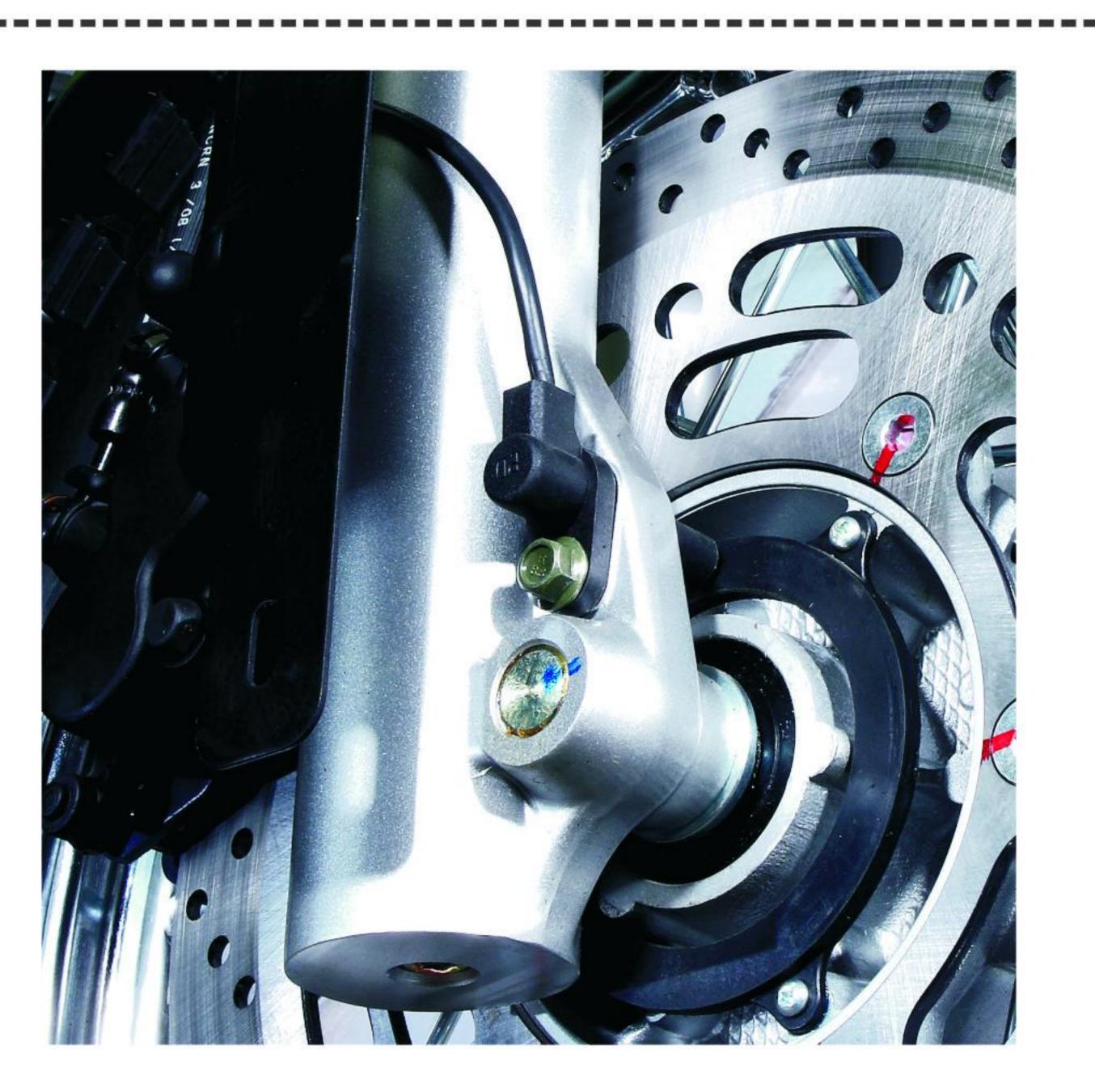
#### OVERSIZED STORAGE ROOM

The rear part of the side car offered oversized storage room for facilities and luggage.



#### VEHICLE SPEED SENSOR

The navigation speed is showed on intelligent instrument through the vehicle speed sensor, which offered a visualized speed message to the driver to keep a safety riding sense in mind for proper operation.



### PARKING BRAKING SYSTEM



The vehicle parking braking system used is linked cogradient hydraumatic disc brake system of front wheel and side wheel. When the FRONT BRAKE LEVEL locked on the position of BRAKE POSITION GROOVE (there are 3 grades for different gradients) and pressed the SPRING LOCKER into the BRAKE POSITION GROOVE, then the PARKING BRAKING SYSTEM comes to work. Attention: be careful that the SPRING LOCKER must be pressed into the BRAKE POSITION GROOVE to effect the PARKING BRAKING SYSTEM, if failed, accident may happen.





# JH600BJ



I-FUNCTION REAR POLICE LIGHT

blice bike is equipped with luxurious police
the rear part of the vehicle with a pole
ted. The police light are of big power as
and with a manual-height-adjustable-pole
ted, thus to offer enhanced light flashing
hting for police activities in night.







# Lives For The Conquest



## HD (high definition) MEGAPHONE

The police bike is equipped with clip-connected style wire megaphone, which is of clear sound in performance and can avoid the surrounded wireless signal influence effectively, thus to ensure the reliability and accuracy of the information transfer in police activities.



The police bike is equipped with two 20W highpower loudspeakers, which is of clear sound performance and long-distance transfer ability; also it is of water-proof and dust-proof design.









The front iron protector for the police bike is made of by high-strength seamless steel tube with chrome-coating treatment. It is of nice and good locking; it can absorb the impact force effectively and provide uttermost-possible protection for driver in case of accident



FRONT POLICE LIGHT

The front police light are of 8w calibrated power and flashing with red and blue color alternately. Besides, it is of water-proof, dust-proof and shock-proof design to ensure the police clear-way activities.













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# INTEGRATIVE CONTROLLER

The integrative controller on the police bike offered simple and convenient one-hand operation for all police facilities equipped on the police bike for driver.



# TYRE

The police bike used CTS BRAND tyre which is of enhanced wear resistant ability and ground-grasping ability.



























