

BAIC

*X55 II*



**YOUNG AND FUN  
DRIVING PLEASURE**



# NEW SHAPE DESIGN

EXTERIOR DESIGN INSPIRED FROM THE GALAXY  
THE JOURNEY OF MANKIND IS NOT ONLY THE VAST EARTH,  
BUT ALSO THE DISTANT SEA OF STARS

**SIMULATION  
DESIGN** | **TECHNOLOGY  
MODELING**

**PARAMETRIC  
DESIGN** | **STARRING  
GRILLE**



Starship-style central  
console and dashboard  
—inspired by the  
minimalist console of  
spacex dragon  
spaceship



Start trails ambient light  
—colorful LED strip and  
sculpture door sheet to  
build up a diamond  
feeling ambient light



10.25'+10.1'LED  
screen—show the  
future driving  
experience



Star turbo  
engine-style gear  
shift—ergonomic  
grip

WHY IS IT CALLED  
“MAGIC-CORE” ?

The perfect fusion of  
and power. The  
first mass-produced  
VGT supercharger  
bringing revolutionary  
power and fuel  
the “VGT +Miller”  
Compared with the WG  
turbine flow regulation ability and  
response speed by 43% and  
same time, the engine combustion  
technology effectively reduces fuel consumption. The vehicle WLTC cycle fuel saving > 4.5%.

economy  
industry's  
vehicle with  
technology,  
changes in  
economy with  
technical solution.  
supercharger, VGT's excellent  
low back pressure increase the power  
achieve the maximum torque at 1500rpm; at the  
efficiency is greatly improved, and the Miller's  
technology effectively reduces fuel consumption. The vehicle WLTC cycle fuel saving > 4.5%.

According to this technical solution, the Magic-Core 1.5T engine not only has a Max. power  
of 138kW and a Max. torque of 305 N·m, but also has an ultra-high thermal efficiency of up to  
39.2%. The VGT supercharging turbo technology applied to luxury vehicles not only provides  
consumers with a more excellent driving experience, but also enhances the fuel economy of  
users' vehicles.

The surging power and quietness are perfectly integrated with 21 Hi-technologies for noise  
reduction, and the idle noise is as low as 57.5dB, ranking 1st among products in the same level.  
Based on user perception, the engine is subdivided into 14 high-frequency usage scenarios for  
ultimate quality improvement, combined with timing belt drive system, new generation of  
high-pressure oil pump, OAD, high-rigidity crankshaft, crankshaft offset, bending resistance  
Twisted connecting rod, high-rigidity oil pan, etc., as many as 21 noise reduction technologies.  
For consumers, the excellent NVH performance also greatly increases driving comfort.

Strong reliability guarantees the safety of the vehicle. More than 40,000 hours of  
all-environmental testing, jointly developed by the Chinese and German teams, guarantees the  
industry's top reliability level based on German verification standards. The extreme environment  
test of cold, high temperature and plateau has tempered the extremely reliable quality and is not  
afraid of the extreme cold of -40°C Hailar and the heat of 50°C of the Flame Mountain. Under the  
strict standard test, the Magic-Core 1.5T engine provides users with a more secure and pleasant  
car driving experience.

## MAGIC-CORE (ENGINE)

THE POWERFUL PERFORMANCE ADVANTAGE  
MAKES THE MAGIC-CORE 1.5T ENGINE STAND OUT.

**VGT  
POWER  
REVOLUTION**

Max power up to

**138 KW**

Max Torque up to

**305 N·M**

Heat efficiency up to

**39.2%**

Acceleration from  
100 km/h in

**7.84 S**

Braking distance per  
100 kilometers

**35.6 M**

Fuel consumption  
per 100 Km

**6.9 L**



**NVH  
REFRESH  
THE RECORD**

Idle noise is only

**57.5 dB**

**NEW  
POWER COMBINATION**



**E-NCAP 5 star standard 2021 Version**

In case of an emergency, the structural design of the vehicle, side crash and head safety protection will save the lives of drivers and passengers in times of emergency.

50kph frontal collision      50kph side collision      50kph MPDB

Pedestrian protection Test-head      Pedestrian protection tes-leg      Whiplash

**THE MOST ADVANCED INSURANCE IN TIMES OF EMERGENCY**  
The body stiffness is 21872, which can strengthen safety protection in crash reduction and deformation.

**DOUBLE SAFETY TESTS AND 5 STAR STANDARD ENSURE**

**PASSIVE SAFETY PROTECTION SYSTEM**  
6 airbags in all directions to reduce the degree of casualties.

**ECO-FRIENDLY ODORLES**  
The benzene is 25% of the national standard. The formaldehyde is 10% of the national standard

The bacteriostatic rate was 99.9% (Staphylococcus aureus, Escherichia coli and pneumoniae)

**HEALTHY CABIN**

Armrest box car refrigerator

Enjoyment of First-class cabin seat



# NEW CONTROL EXPERIENCE

FOR THE 1ST TIME

OVERSEAS PRODUCTS ARE COMPLETELY EQUIPPED ADAS

1 new parking domain controller  
1 Bosch 5th generation millimeter wave radar  
5 driving and monitoring cameras  
12 ultrasonic radars



360° panoramic image  
AEB-Automatic Emergency Braking  
IACC-Intelligent adaptive cruise control  
LKA-Lane keeping assistance  
APA-One button control  
automatic parking system

## MULTIPLE SENSORS AND INTELLIGENT DRIVING ASSISTANCE SYSTEM



## 360° 3D PANORAMIC IMAGE

Through 4 megapixel HD cameras, collect images around the vehicle body, and provide images and reversing track lines when reversing to assist in accurate parking.

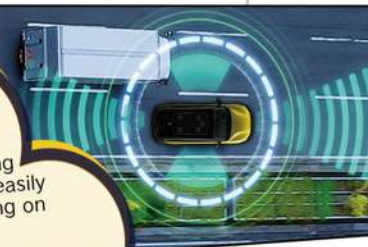


## LOW-SPEED TRAFFIC JAM ASSISTANCE

When the low-speed traffic jam assistance is turned on, the vehicle can automatically follow the traffic flow, and the vehicle can drive normally in the lane, which is very convenient.

## INTELLIGENT CRUISE

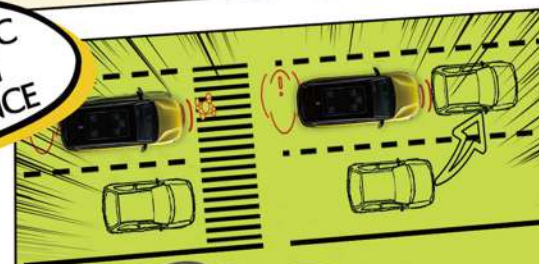
Intelligent cruise can be started during long-distance driving, and you can easily follow the car in front without stepping on the accelerator.



## INTELLIGENT PLANNING, LOW SPEED OBJECT AVOIDANCE

Based on sensors and related algorithms, APA can calculate the optimal parking path, automatically detect the low speed object and make braking avoidance accordingly.

## AUTOMATIC PARKING ASSISTANCE

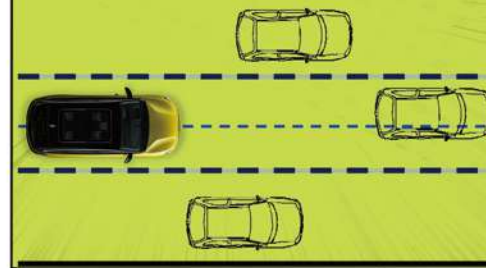


## AUTOMATIC EMERGENCY BRAKING (PERSONS/VEHICLES)

When there is a risk of collision with vehicles or pedestrians are close to the front, AEB will turn on the alarm state. After receiving the signal, the icon flashing and sound alarm are activated for warning. If the driver does not respond to the above warning (including visual warning, auditory warning and short braking warning), the automatic emergency braking system will be active to avoid collision.

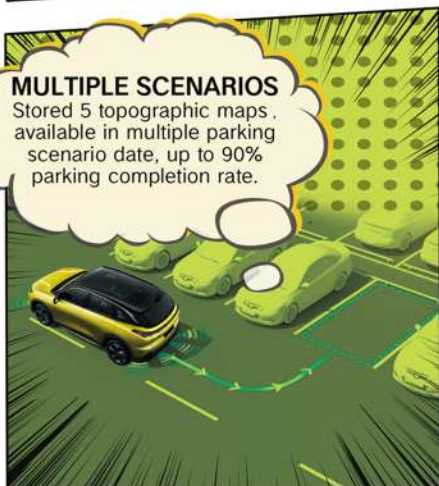
## LANE KEEPING ASSISTANCE

Measure the distance and orientation of the vehicle relative to the lane edge detected by the camera, provide steering control for the driver and keep the vehicle driving in the lane.



## MULTIPLE SCENARIOS

Stored 5 topographic maps, available in multiple parking scenario date, up to 90% parking completion rate.





# XSS II SPECIFICATIONS

Model/Configuration	LUXURY
Length/width/height (mm)	4620 / 1886 / 1680
Wheelbase (mm)	2735
Seats	5
Trunk capacity (L)	350
Fuel tank (L)	53
Engine	1.5 Turbo - 1.498 cc
Max. power (HP)	185 Hp / 5,500 rpm
Max.torque (Nm/rpm)	305 Nm / 1,500 - 6,000 rpm
Transmission	7 Speed DCT
Fuel type	Gasoline - Euro VI
Front/rear suspension	MacPherson independent suspension/multi-link independent suspension
Front/rear brake	Ventilation Disc / Disc
Tyres	225/55 R19
Features	
Electronic shifter	✓
Electric Power Steering - EPS (2 mode)	✓
Manual mode shift prompt	✓
Drive mode(ECO/Sport/Comfort/Smart)	✓
ABS (Antilock Brake System) + EBD(Electronic Brakeforce Distribution)	✓
Emergency Braking Assist, EBA	✓
Electronic Parking Brake, EPB	✓
Auto Hold	✓
Button start/stop	✓
Keyless entry	✓
Electronic Stability Program, ESP	✓
Hill Assist Control, HAC	✓
Hill Descent Control, HDC	✓
Driver and passenger air bags	✓
Front side air bags	✓
Warning of tired driving (symbol + sound)	✓
Engine immobilizer	✓
Door mirror with electric adjustment	✓
Door mirror with electric fold and auto fold when lock	✓
Panoramic sunroof	✓
Hidden door handle	✓
Rain sensor wiper	✓

Features	
Rain sensor wiper	✓
Power tailgate with smart anti-pinch	✓
12V charging port & Trunk	✓
Steering wheel off-hand sensing	✓
Multi-function steering wheel with 4-way adjustment	✓
Driver seat memory	✓
Driving seat & Passenger seat 6-way electric adjustment	✓
Front seat ventilation	✓
Rear seat angle adjustable	✓
Rear seat 6/4 fold	✓
Back 360° panoramic image	✓
Lane Departure Warning, LDW	✓
Blind Spot Detection, BSD	✓
Adaptive Cruise Control, ACC	✓
Front Collision Warning, FCW	✓
Voice Control (English)	✓
Wireless charging	✓
Bluetooth	✓
8 Speakers	✓
Automatic headlight	✓
Emergence Stop Signal, ESS	✓
Multi-color interior atmosphere light	✓
Double zone automatic air conditioning	✓
Rear air outlet (blowing surface)	✓
Pollen filter /PM2.5 air purification, CN95 filter element	✓

COLOR  
EXTERIOR



YELLOW



WHITE



GRAY



RED



PLATINUM

# BAIC



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