

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



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.

According to this technical solution, the Magic-Core1.5T 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.

WHY IS IT CALLED
"MAGIC-CORE" ?

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

cycle fuel saving > 4.5%.

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
7.84S

Braking distance per
100 kilometers
35.6M

Fuel consumption
per 100 Km
6.9 L



**NVH
REFRESH
THE RECORD**

Idle noise is only
57.5 dB

**NEW
POWER COMBINATION**

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.

E-NCAP 5 star standard 2021 Version



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



HEALTHY CABIN



Armrest box car refrigerator



Enjoyment of First-class cabin seat



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

NEW RIDE CONCEPTION

SAFE, ECO-FRIENDLY, HUMANISM

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

MULTIPLE SENSORS AND INTELLIGENT DRIVING ASSISTANCE SYSTEM



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

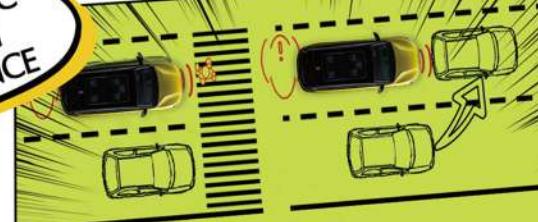
MULTIPLE SCENARIOS

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

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(PEOPLE/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.

X55II 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	✓
Emergency 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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