

SENAT

S o w e s t a r t e d w i t h a b l a n k p a g e

Gaining from every advance in global automobile expertise,
applying them all to the very best in Russian engineering, we created a car
to be the ultimate driving experience.





AURUS Senat has been designed and built in Russia to open a new page of ultra-luxury motoring history. Through the passion and intelligence behind its creation, it proves true greatness can break free of all rules and dogmas.

In its every detail, AURUS Senat builds on the heritage of luxury travel,
making it truly contemporary, and ready to lead into the future.





Я АУРУС
AURUS



Engineered for preeminence

Though already exceptional for its features and technological innovation, AURUS Senat will truly stand out most for its character.

At the heart of the automobile lies the promise of absolute control of everything within and without. Thanks to an exceptionally powerful hybrid engine linked to 4-wheel drive, unsurpassed structural rigidity with dynamic stability control, AURUS Senat displays driving performance like nothing that has been experienced before.



*У нас как? Сегодня в голове, завтра в чертёжах,
послезавтра в металле, а потом и в небе.*

How do we do it? Well, one day it's an idea in our minds, the next day it's on paper, the day after it's made out of metal, and then finally it soars through the skies.

Sergei Korolev (1907-1966)

Legendary Russian spaceship designer, responsible for starting the Soviet space program, as well as for sending the first satellite and first man into space.

Where style and substance meet, where no compromise is tolerated
in either form or function, there you will find AURUS Senat.



Nothing will prevent you from reaching your goal.
And nothing will prevent you from enjoying the exquisite journey to reach it.



The only 4-wheel drive system ATC
(Active Torque Control) in its class with a
multi-disc friction clutch.

200 mm clearance

An independent multi-link rear suspension,
double-link front suspension,
engaged telescopic shock absorbers,
lateral stabilizers.

КОНСТИАНТИН АЛЕКСАНДРОВИЧ
ТШОЛКОВСКИЙ

НОВЫЕ ИДЕИ НЕОБХОДИМО ПОДДЕРЖИВАТЬ.
ОНИ ЧАЩЕ БЫВАЮТ ТАКИМИ ЦЕННЫМИ,
ЧТО НЕ ВСЕ ОНИ МОГУТ ПРИНЯТЬ СЕБЕ НА СЕРДЦЕ.
НО НЕ ВСЕ ОНИ МОГУТ ПРИНЯТЬ СЕБЕ НА СЕРДЦЕ.

New ideas need to be supported. It's a precious human quality,
but few have the courage to implement it.

Konstantin Tsiolkovsky (1857-1935)
Russian rocket-scientist, Founding Father of modern rocketry,
and the first theorist and advocate of human spaceflight.





Strength begins from within

The technological universe of AURUS Senat is built around its beating heart - the new V8 hybrid engine created in an international collaboration with Porsche Engineering.



The combination of an internal combustion engine and a high-voltage electrical system ensures the best of all worlds in terms of acceleration, power, range and performance.

The combination of a hybrid power system and a 4-wheel drive is just one more way in which AURUS Senat stands out as an exclusive creation within the luxury car class.



Engine volume: 4.4 liters; power: 598 HP

Maximum speed: 250 km / h

Acceleration: 0-100 km / h - 5.8 sec

Average fuel consumption: 16 liters per 100 km

Electric engine power: 62 HP

Искусство — это умение создать конструкцию,
вытекающую не из взаимоотношений форм и цвета,
и не на основании эстетического вкуса
красивости композиции построения, а на основании веса,
скорости и направления движений.

Art is the ability to create a structure that doesn't come from the interaction of shape and color. It isn't based on the aesthetics of compositional beauty, but rather on weight, speed and direction of movement.

Kazimir Malevich (1879-1935)

Russian avant-garde artist and art theorist whose pioneering work profoundly influenced non-objective art.



Dynamically desirable

Our starting point was "no compromise". We wanted to achieve new levels of performance to match unparalleled comfort.

With the exceptional efforts of Russian and international design bureaus, who created the ATC 4-wheel drive system, the 9-speed gearbox, and the latest generation brake systems, that is what we have achieved.

A smoothness recalling a luxury yacht. Power recalling a fighter jet.



*Человек полетит,
опираясь не на силу своих мускулов,
а на силу своего разума.*

Man will not fly using the strength of his muscles, but using the strength of his mind.

Nikolay Zhukovsky (1847-1921)

Russian scientist, mathematician and engineer, recognized as the father of Russian aviation and modern aerodynamics.

Gearbox: AT9.
Exclusively developed by
the Russian company KATE

The latest generation of the
ABS/ESP systems

Parking brake actuator: remote,
electromechanical

Electric telescopic secure steering
column



A touched by perfection

The interior of AURUS Senat conveys all that best that can be found in Russia. Rare, precious woods, the finest natural leather, and metals hand-finished to be eternally pleasing to the touch. .



*И прекрасно то, что отвечает внутренней
душевной необходимости.*

The beautiful thing is that which speaks to innermost spiritual necessity.

Wassily Kandinsky (1866-1944)
Russian painter, art theorist and founder of abstract art.

Clean, smooth contouring lines, attention to the smallest detail: everything is done to ensure that passenger and driver enjoy aesthetic pleasure just as great as their comfort.



Premium finishes: Nappa leather, fine wood

A variety of seat adjustment modes including adjustable head and neck support systems

The design of the doors ensures that the doorsteps are clean in any weather

Luxury, comfort, security

Designed for leaders, and even world leaders, AURUS Senat provides a level of safety and security second to none in the entire luxury sector.



Travelling first class on the road

The integrated driver assistance systems take on all functional tasks and challenges to prevent any possible risks while driving.

Passenger comfort in the backseat is inspired by first-class air travel. Reclining seats ensure maximum comfort, while always providing maximum safety.



ADAS (Advanced Driver Assistant System): adaptive cruise control, electronic stability control, emergency braking systems, road sign recognition, collision avoidance, blind spot tracking

9 airbags: frontal airbags located in the steering wheel and the dashboard, knee high airbag, side airbags located in the backs of all four seats and above the windows



When form and function harmonize

Simplicity is an achievement worth striving for. We have achieved it with our HMI (Human Machine Interface). This intuitively comprehensive interface puts the driver in control of every aspect of his car's system.

Every detail has been thought out, right to the sounds of the multimedia system specially recorded live for AURUS Senat.



Порядок освобождает мысль.

Order liberates thought.

Sergei Korolev (1907-1966)

Legendary Russian spaceship designer, responsible for starting the Soviet space program, as well as for sending the first satellite and first man into space.

Two independent remote controls integrated passenger armrests provide full mastery of the multimedia system.

Passengers may take control of all visual content, including Internet access, navigation info, and dashboard cam data.



Three multimedia screens

Harman Karpman Wireless Headphones

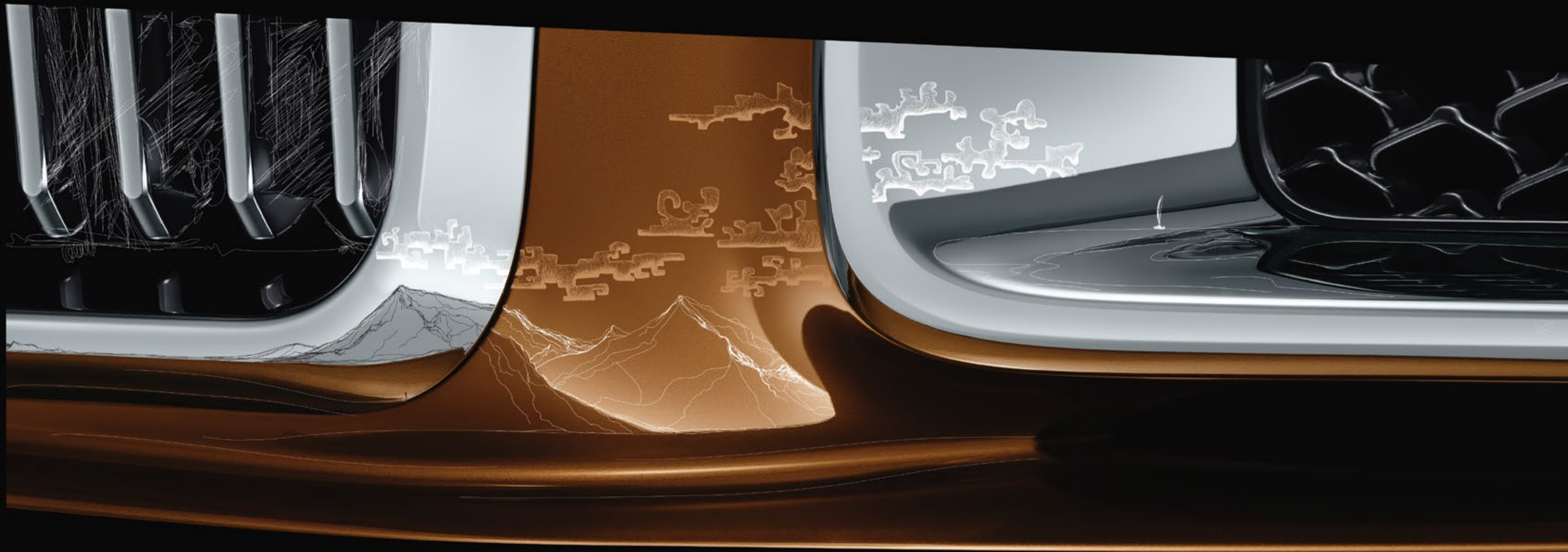
Wireless mobile phone induction charger

Socket outlets for front and rear-seat passengers

System connection with any personal devices via Wi-Fi

Bluetooth connection





When supreme comfort is only the start

Immersed in the calmness of the AURUS Senat interior, a passenger knows that this is a moment to savor and enjoy to the full. Every detail that might be wished for is there to provide optimal comfort: from the zonal climate control system capable of providing a personal temperature mode for each passenger to the softness of individual reading lamps.



Anatomically designed luxury seats offer an unparalleled variety of adjustment modes and massage functions. Also at the passenger's disposal – a minibar with AURUS crystal glasses, awaiting their moment for celebration.



4-zone climate control

Intuitive climate control interface

The function of remote engine start with options of heating or cooling the interior

Ventilation and massage functions in the seats of front and rear passengers

Minibar and storage box for the Aurus glasses

Cup holders with heating and cooling functions

Folding tables in the rear console

Backlit and cooled glove compartment

AURUS means bespoke

Each AURUS Senat is designed to the exacting requirements of its future owner. Every consideration is taken to ensure complete and utter satisfaction of an owner's preferences. Whether in terms of body color, interior color, trim and decorations, the choices available are as great as the highest expectations.



Technical Specifications



Dimensions

Length	5630 mm
Width	2020 mm
Height	1685 mm
Wheelbase	3300 mm
Curb weight	2650 kg
Gross weight	3135 kg
Ground clearance	200 mm

Engine

ICE	V8 bi-turbo
Engine volume	4400 sm ³
Power	598 HP
Maximum speed	250 km/h
Acceleration 0-100 km/h	5.8 sec
Energy type	hybrid
Electric motor power	62 HP
High-voltage electric power	350 V

Transmission

Gearbox	AT9
Maximum output torque at the input shaft	1 000 N • m
The maximum speed of the input shaft	6, 000 rpm
Fuel consumption in a combined setting	20,6 l/100 km
Fuel consumption in a rural setting	15,5 l/100 km
4-wheel drive ATC (Active Torque Control)	

Brake system

Dual-circuit braking system with disc brakes mechanisms of all wheels
Latest generation ABS / ESP systems
Brake Assist (BAS)

Exterior

Body material: steel
Exterior chrome finish
Electric side mirrors, heated and auto-dimming
Smooth closures for side doors and trunk
Double athermal glasses
LED lighting system
LED fog lights and backlights
Headlights with automatic switching from high-beam to dipped beam and oncoming vehicle recognition function
High beam assist
Additional illumination of the indication lights
Illuminated door handles

Safety

Driver Assistance System ADAS
ERA-GLONASS system
Seat belts with pre-tensioners force limiters
Rear row ISOFIX hooks
9 Airbags: front, side, knee airbags for the driver

Sustainability

Aurus automobiles comply with all UNECE standards
The share of recyclable materials is 95%
The use of heavy metals is excluded

Interior

Materials: Nappa leather, wood, metal, velvet
Armchairs with massage and ventilation functions
Foldable front seat
Background light, Led backlight
Night light function, reading lamps
Glove compartment lighting

Interior Facilities

4-zone climate control
Sockets: 4.; 12V with cigarette lighter for front passengers row, 12V and 230V for back row passengers, 12V in the trunk
Wireless phone charger: for front row passengers
Built-in refrigerator
Storage box for two Aurus crystal glasses
Heated and cooled cup holders
Cooled glove box
Electric steering column adjustment

Multimedia

Intuitive multimedia system: video, internet, navigation, info and help functions, dvr
HMI (Human Machine Interface)
Bluetooth connection
Wi-Fi connectivity
Rear Multimedia System (MMS)

Ultimate safety, ultimate security

AURUS Senat also exists in an armored version. This fully protected sedan is second to none in its class. Designed to go far beyond convention safety standards, it has been tested and proven against military-level explosives and ballistics. It has justly earned its title of the "safest car in the world".



Great designs are born of their time,
while being ready for the future.



When you drive AURUS Senat, every road is open to you.



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