

AURUS SENAT Limousine L700
armored with extended wheelbase
built on
Single Modular Platform









RUS











AURUS
SENAT
LIMOUSINE











TECHNICAL PARAMETERS



Engine	
Type of power plant	FHEV (Full Hybrid Electrical Vehicle)
Engine type	V8 Bi-turbo
Displacement	4400 cc³
Power	440 kW/598 hp @ 5500 r/min
Torque	880 Nm @2200-4750 r/min
Power of electro engine	62 hp.

Dimensions	
Length	6630 mm
Width	2020 mm
Height	1695 mm
Wheelbase	4300 mm
Ground clearance	170 mm

Dynamics info	
Maximum speed	160 km/h (limited)
Acceleration 0-100 km/h	9 sec
Fuel	
Fuel type	Super-98
Emission	EURO6

Transmission	
Gearbox	AT9 9-Speed “KATE”
Type of drive	AWD, ATC (Active Torque Control)
Kerb weight	6950 kg



Hi-Tech

AURUS Senat Limousine L700

The Hybrid car, created by the best specialists in Russia and the world, demonstrates a new level of technology and quality.

SPECIFICATIONS:

- SAFETY ASSISTERS ADAPTIVE CRUISE CONTROL WITH STOP & GO
- GEAR SHIFT PADSANTI-STROKE SYSTEM (ETC)
- LANE DEPARTURE WARNING SLOPE ASSISTANT (HILL HOLDER)EMERGENCY ASSISTANTBRAKING (BAS)
- TIRE PRESSURE INDICATOR SURROUND CAMERA AND TOP VIEW
- BLIND SPOT MONITORING SYSTEM
- LANE KEEP ASSISTANT (LDW) PARKING DEVICES (FRONT + REAR) EXCEEDING
- THE MAXIMUM SPEED (SELECTED BY THE DRIVER)
- TRAFFIC SIGN RECOGNITION WARNING SYSTEM COLLISIONS WITH PEDESTRIAN DETECTION (FCW)
- AUTOMATIC EMERGENCY BRAKING SYSTEM
- SECURITY ANTI-LOCK BRAKING SYSTEM (ABS)
- ELECTRONIC STABILITY CONTROL (ESC)
- BRAKE FORCE DISTRIBUTION (EBD)
- SYSTEM ADVANCED VIEW (FRONT AND SIDE CAMERAS)
- ERA-GLONASS EMERGENCY WARNING SYSTEM (EUROPEAN SIMILAR SYSTEM – eCall)

Air conditioning system:

- 4-ZONE CLIMATE CONTROL COOLED GLOVE BOX

Engine:

- ENGINE TURBO-CHARGED V8 ENGINE REMOTE START
- PRELAUNCH
- ENGINE/ATH HEATER

Additional equipment:

- AIR COMPRESSOR LUG
- LIFTING JACK
- ADDITIONAL KEYS/PARE WHEEL
- FULL SIZE Hazard Stop Sign
- MANUAL (MULTIMEDIA) IN ENGLISH
- KIT TOOL
- FIRE EXTINGUISHER

SPECIFICATIONS:

Body:

- HEATED WIDE MIRRORS,AUTO-DIMMING ANDELECTRIC FOLDING
- CHROME EXTERIOR TRIM
- ELECTRIC OPEN/CLOSE TRUNK WITH REMOTE CONTROL DOOR CLOSERS
- MOTOR PROTECTION COMPARTMENT
- CLOSER TANK DOORW / REMOTE20”
- 20“ ADAPTIVE STEERING WHEEL
- CONTROL ADJUSTMENT
- ELECTRONICALLY CONTROLLED SHOCK ABSORBERS

Glass:

- GLASS ATHERMAL WINDSHIELD WITH HEATING RAIN SENSORS LIGHT SENSORS AND CLIMATE-COMFORT CAMERA
- DOUBLE GLAZING REINFORCED PROTECTED WINDSHIELD TINTED GLASSES
- ELECTRICLY CONTROLLED INTERSALON DIVIDING PARTITION
- SOUNDPROOF
- TINTED GLASS

Comfort:

- ALUMINUM LEFT FOOT STAND AND PEDALS
- ANALOGUE CLOCK (FRONT) ANALOGUE CLOCK (REAR)
- WIRELESS PHONE CHARGER (FRONT)
- WIRELESS PHONE CHARGER (REAR)
- VELOR RUGS LAMB WOOL
- RUGS INTERIOR MIRROR AUTO-DIMMING
- MAKE-UP MIRRORS WITH ILLUMINATION
- ILLUMINATED MIRRORS (REAR)
- REFRIGERATOR AND BOX FOR STORING TWO CRYSTAL GLASSES

SPECIFICATIONS:

Comfort:

- REFRIGERATOR IN REAR SEAT
- DRAWER FOR SUNGLASSES
- ASHTRAY (REAR)
- HEATED/COOLED CUP HOLDERS (REAR)
- FOLDING TABLES
- 12V SOCKET LOAD COMPARTMENT 1
- 2V SOCKET REAR
- 12V SOCKET WITH CIGAR LIGHTER FRONT
- 230V SOCKET REAR
- REAR WINDOW ELECTRIC SHUTTER
- REAR SIDE WINDOW ELECTRIC SHUTTER
- STEERING WHEEL HEATED
- SPECIAL FOLDING TABLES IN NATURAL LEATHER WITH METALL EDDING AROUND THE PERIMETER

Safety:

- AUTOMATIC DOOR LOCKING WHILE DRIVING (WITH DISABLED)
- IMMOBILIZER
- BUTTON WITH VEHICLE LOCK
- KEYLESS ACCESS (SMART KEY)
- SIGNALING (SOUND/LIGHT)
- CENTRAL LOCK WITH PROTECTION AGAINST BREAKING

Passive safety:

- PASSIVE SAFETY SIDE AIRBAGS (1 ROW) SIDE AIRBAGS
- SAFETY (ROW 2)
- SIDE AIRBAGS (ROW 3) BELT HORN KNEE CUSHION
- DRIVER'S SAFETY

SPECIFICATIONS:

Passive safety:

- FRONT PASSENGER SAFETY
- PREPARATION FOR ISOFIX (REAR) BELTS
- SAFETY (REAR)
- SEAT BELTS (FRONT)
- FRONT CUSHION
- DRIVER SAFETY
- FRONT PILLOW
- SAFETY PASSENGER

Multimedia:

- DVD MULTIMEDIA SYSTEM (MMS) (REAR)
- USB 2.0 WITH MMS TRANSFER (FRONT)
- HI-END AUDIO MMS SCREEN (FRONT)
- 12.3" MMS SCREEN (REAR) 10.1
- "MULTIMEDIA SYSTEM (MMS)
- INDIVIDUAL MMS CONTROL REAR
- ELECTRIC TV 32"
- HARMON WIRELESS HEADPHONES

Seats:

- REAR SEATS INDIVIDUAL
- UPHOLSTERY LEATHER
- ELECTRIC SEATS WITH MEMORY EFFECT, WITH MASSAGE FUNCTION, VENTILATION AND HEATING
- ELECTRIC SEAT FOLDING

Interior trimming

- PRECIOUS WOOD

SPECIFICATIONS:

Indoor lighting:

- READING LIGHTS READING LIGHTS (REAR)
- LIGHTING GLOVE BOX BACKLIGHT

Exterior lighting:

- AUTOMATIC ALARM WHEN EMERGENCY BRAKING DOOR HANDLE WITH ILLUMINATED LIGHT
- LIGHT REAR LED
- FOG LIGHTS
- HEAD LIGHT WASHERS FRONT
- LED FOG LIGHTS
- LIGHTING LIGHTS
- CORNERING LIGHTS LED HEADLIGHTS
- DAYTIME RUNNING LIGHTS LED

Ballistic protection

- Specially protected passenger compartment all-round protection, roof-limited. Splinter-protected body (resistance to explosion of two hand grenades);
- Splinter-protected roof (resistance to explosion of one hand grenade);
- Special protection multi-layered polycarbonate glazing, all-round protection 360 degrees against hard core bullet in caliber 7,62x54mm armor-piercing incendiary bullet B-32 with steel, heat-strengthened core, SVD (Dragunov sniper rifle modifications) installed position (triple bombardment, triangle size 15cm X 15cm X 15cm);
- Special protection multi-layered polycarbonate glazing, all-round protection against hard core bullet in caliber 7,62x54mm armor-piercing incendiary bullet B-32 with steel, heat-strengthened core, SVD (Dragunov sniper rifle modifications).

Security package:

Protection package:

- Level protection Br5 according to GOST P50963-96, Edition 4 which complains with VR10 according to VPAM BRV2009, Edition 2 and VPAM ERV2010, Edition 2 directives.

Security features:

- Wheel with Run-flat - KAMA-133 tyre system with limited speed driving 80km/h after after puncture or deflation
- Wheel payload - 1900kg per each
- Wheel speed index - 190 km/h.
- Wheel size - 255/55 R20
- Window lift front left / right, electrically operable
- Window lift rear left / right, electrically operable
- Heated windscreen with rain/light sensor & cameras
- Fire extinguishing system
- Fire and explosion proof fuel tank
- Exploision protection of underbody
- Air purification system
- Prepared for MW radio intercom (indoor-outdoor)
- Stroboscope lights
- Flashing lights
- Flagpoles (2pcs.)
- Auxiliary battery for emergency start 12V
- Intercom in partition wall (passenger back row-driver)
- Emergency exit alarm



KAMA-133 tyre system with Run-flat