



SANCITY 12LF CNG

Environment friendly low-floor CNG powered bus
intended for city passenger traffic.





CHASSIS

A three-dimensional stainless steel lattice frame integrated with a co-working framework of the body.

Driveline

CUMINS L9NE6D320 EURO VI engine, power 239 kW (325HP).
Automatic transmission with hydraulic retarder.

Axles and wheels

Rear axle: ZF.
Front axle: ZF independent wheel suspension.
Driving wheels: tires 275/70 R22,5.

ECAS kneeling system

Brakes

Service brake: pneumatically controlled, disc-type, with EBS system.
Parking brake: mechanical with spring actuator, acting on rear wheels.

Steering system

Steering gear: with hydraulic power steering.
Steering wheel: regulated position.

Electrical system

24V, negative (-) ground, CAN, KIBES 32 system, batteries: 2 x 225 Ah.

BODY

The construction of the body is made of stainless steel rectangular tubes welded together. The outside paneling made of chrome-nickel sheets (sub-window belt) and GRP panels (front and back walls, roof) bonded to the framework. Side flaps made of aluminum.

Heating

Water heating unit connected to engine's cooling system + convectors + heaters.

Ventilation

Electrically controlled roof hatches and slidable windows, ventilation unit in the front wall and electric fans (exhaust and blowing) in the roof.

Air-conditioning

Passenger doors

Door system 2-2-2. Front, middle and rear double-leaf, opening inwards, electro-pneumatically controlled from the driver's working place.

Outside mirrors

Electrically controlled, heated.

INTERIOR

Passenger capacity: seats 26 - 40, standing 58 - 79, total 98 - 105.

Passenger seats made of plastic with soft upholstery.

Ceiling and sidewalls trimmed with laminated panels, floor covered with a non-skid lining.

Half-closed type driver's cabin with door and FAP console.

Big platform opposite middle door for standing passengers and passenger in a wheelchair.

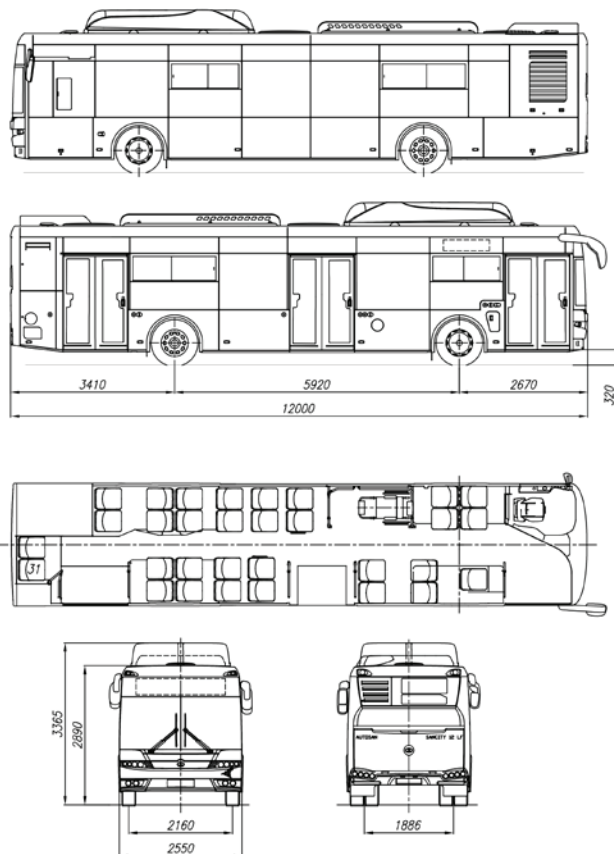
Manually operated platform for transportation of the disabled person's wheelchair in the middle door.

Handrails powder painted.

OPTIONAL EQUIPMENT

- CUMMINS B6.7E6D250B EURO VI engine, power 182 kW (247 HP)
- Front axle: ZF, rigid
- Air-conditioning of driver's working place
- Driver's seat electrically heated
- Tilt windows
- Glued windshield, made of multi-layer glass, divided vertically
- Outside paneling divided vertically and horizontally
- Central lubrication system
- Tires pressure and temperature monitoring system

- Automatic detection and fire-fighting system in engine's compartment
- Intelligent speed limiter
- CCTV
- Voice announcement system
- Passenger counting system
- Ticket vending machine
- Cash register stand
- WiFi
- LED destination equipment and ticket punchers set
- Chrome-nickel handrails



* We reserve the right to make changes due to technical progress.

*Photos and drawings from the folder may contain additional items, not included in standard equipment.



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