

f6, HIGH FLOOR, COMPRESSED, 9-LITRE GAS ENGINE

SCANIA FENCER

FOR URBAN TRANSPORT OPERATIONS

Based on solid engineering experience, our new generation of buses has been developed to meet the demands of today's and tomorrow's operators. Energy efficient and available in a wide range of powertrains, it offers the latest technology in everything from safety systems to reduced emission and noise levels. And through excellent uptime and fuel economy, Scania Fencer f6 allow sustainable mobility to go hand-in-hand with operating economy.

- **The biogas powertrain** contribute to CO₂-reduction of up to 90%* and it also produce less sulphur, nitrogen and carbon monoxide emissions, and are quieter than their diesel counterparts.
- **A new light body** of fiber glass and composite material, up to 500 kg lighter, together with the new driveline and chassis it contributing to comprehensive fuel reduction.
- **Advanced driver assistance systems (ADAS)**, give the driver good control of the vehicle through improved assisted handling, steering and braking.



General

Wheel configuration:

2-axle

Door configuration:

1-2-0

Dimensions

Length:

13.07 m

Width:

2.55 m

Height:

3.60 m

Passenger area

Seating: 59+4+1, Standard intercity seats back fixed (not reclinable) with seat rails, tiltable seats before middle door and foldable seats in wheelchair area. Passengers seats with 2-point seatbelt and 3-point for exposed passengers, fix seat back, simple armrest, priority seats shall be placed at first RHS row, behind front door. Sufficient space shall be present according to R107, stop request shall be oriented to the seats, sticker shall be present on the window. Central platform with special equipment preparation for the disabled person. Preparation for lift.

Equipment: Luggage rack, camera surveillance, infotainment system (Wi-Fi), USB charger, interior LED lighting, Ski carrier preparation and rear towing device preparation, School sign preparation, Lighting in the luggage compartment

Roof hatches: Manual

Driver area

Seating: Adjustable driver's seat with air suspension, 3-points safety belt , armrests, lateral and front sun visors with manual control, sliding side window

Instrument panel: Fixed

Support systems: Scania Driver Support, electro-pneumatic parking brake, adaptive cruise control, vulnerable road user collision warning, blind spot warning, lane departure warning, hill-hold

Equipment: Driver's box with lock, front sun visor with electrical control, reverse camera, 24 V and 12 V sockets on the dashboard, 1 USB with minimum 3-5 W. External rearview mirrors, heated, manual control. FM radio, mix for volume, Tachograph

Exterior

Body frame made of tubular galvanized steel. Fiber glass for front and rear panel. Luggage compartment doors , manually operated. Standard exterior paint in one solid paint. Preparation for School sign. Preparation for destination signs. Different painting in RAL 9010. Spare wheel carrier from Higer.

Luggage compartment: 5 m³

Climate system

Heating and cooling: A/C RG450 (36 KW) with heating and cooling, Convector without fans for the passengers compartment, Electrical defrosting of the windshield heating only

Powertrain – Combustion, Euro 6

Biogas, natural gas:

9-litre 280 hp (206 kW), torque 1350 Nm

Fuel capacity:

8 x 120 litres (CBG/CNG)

Gearbox:

12-speed with Scania Opticruise

Electrical system

Equipment: LED headlights, LED daytime running, position and indicator lights, LED side and rear lights, The electrical fuses box is placed in the cabin under the driver window
Battery 230 Ah
Alternator 2x150 Ah

Brake and safety equipment

Equipment: Disc brakes, electronic brake system (EBS), anti-lock brake system (ABS), traction control (TC), integrated retarder, bus stop brake, rear view camera, Fire detection system in the engine compartment

Suspension and wheels

Rigid front axle, kneeling front door, whole front or whole side, manual control, total raising and lowering

Rims: Steel

Tyres: 295/80

Doors and windows

Optional: Most tinted single glazed glass, rear window is transparent, side window glass is tinted gray, 6 hopper windows, two roof hatches, manual control, Double glass for driver's window and passengers doors
Front door outward swing, and middle door double outward swing. Inside door rod for doors.