

f1, LOW ENTRY, DIESEL 9-LITRE 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 cities. 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 allow sustainable mobility to go hand-in-hand with operating economy.

- **A first-class driver area**, with a completely new design with improved ergonomics, safety, comfort, and the vehicles also have excellent driveability.
- **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.



General

Wheel configuration:

2-axle

Door configuration:

2-0-0

Dimensions

Length:

12.2 m

Width:

2.55 m

Height:

3.1 m

Passenger area

Seating: 34+2+5 (foldable seat). 34 Fainsa Punt passenger seat without tip up armrest. Passenger seats with matt dark grey seat back(RAL7016) and mouquette (S7026-1). 5 foldable seats in wheelchair and buggy area without floor fasteners and seat belt, 2 Fainsa jumbo seat in first row, 4 priority seats in saloon area, seat back fixed , not reclinable.

Equipment: Manual ramp for wheelchair located at the front door, luggage rack, stainless steel hand pole, overhead hand straps (grey), infotainment system (Wi-Fi), USB charger, interior LED lighting, fiber glass for the roof panel, aluminum composite for the side panel below windows and the air duct, Banboo plywood flooring 15 mm thickness, floor coved with heavy duty synthetic material, inspection hatch on the floor, small luggage area over front wheel arches, wired bell button system – colour of button light grey body with red button, next stop announcement sign

Roof hatches: Manual

Driver area

Seating: ISRI driver seat with black textile and air suspension, 3-point seat belt

Instrument panel: Adjustable

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: Full assault screen, camera surveillance, audio system, announcement system, USB charger, coat hook, sun visor right hand windscreen, manually operated, one blind for side window, internal rear-view mirror fitted to top centre of windshield plus, ticket machine preparation

Exterior

Two manually operated rear view mirrors, Doga 3-speed wipers, front and rear bumper made of fiber glass, front, rear and roof panel made of fiber glass, side panel made of fiber glass, exterior painting with one solid colour (RAL 9003), Hanover destination sign in front, side and rear

Climate system

Heating and cooling: Convector circuit in passenger area, defroster, demister system for the windscreen left and right side with hot air, two roof hatches without ventilations.

Powertrain – Combustion, Euro 6

HVO, diesel:

9-litre 280 hp (206 kW), torque 1400 Nm

Fuel capacity (usable volumes):

2x124 litres

Gearbox:

6-speed fully automatic with acceleration control

Electrical system

Equipment: LED headlights, LED daytime running, position and indicator lights, LED side and rear lights, Roof electrical center

Battery 230 Ah

Alternator 2x180 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, Dafo fire extinguishing equipment in the engine compartment, Emergence door, Emergency door valves inside/outside the bus, One fire extinguisher and first aid box, button type breaking system for emergency windows

Suspension and wheels

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

Rims: Steel

Tyres: 275/70

Doors and windows

Optional: Side and rear window made of tempered glass, single galzed with gray tinted. Side windows with 4 hopper windows. Laminated windscreen in one piece. Double leaf inward swing front door (at LHS). One emergency door (at RHS) with speed sensor. Doors electro-pneumatically operated by the driver.