

SCANIA FENCER

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.



General

Wheel configuration: 2-axle, 3-axle with steered tag axle, 3-axle articulated

Door configuration:

1-1-0, 1-2-0, 2-2-0 (2-axle)
1-1-0, 1-2-0, 2-2-0 (3-axle)
1-2-1-0, 1-2-2-0, 2-2-2-0 (articulated)

Dimensions

Length:

10.8 m, 12.0 m, 12.5 m, 13.0 m (2-axle)
13.0 m, 15.0 m (3-axle)
18.0 m (articulated)

Width: 2.50 m and 2.55 m

Height:

3.3 m (hybrid/BEV)
3.2 m (diesel)
3.3 m (gas)

Passenger area

Seating: Stear, Kiel seats or customer choice, wheelchair ramp at front or middle door, four priority seats with folding armrests, location for wheelchair or pram, folding seats, reading lamps and air nozzles

Equipment: Luggage rack, camera surveillance, infotainment system (Wi-Fi), USB charger, interior LED or fluorescent lighting

Roof hatches: Manual

Driver area

Seating: Driver seat ISRI

Instrument panel: Adjustable or 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: Audio system, announcement system, USB charger

Destinations signs

Placement: LED destination sign in front, side and rear

Climate system

Heating and cooling: Convecter circuit in passenger area, auxiliary heater (diesel or gas), defroster, separate or combined air conditioning for the driver, temperature-controlled ventilation and AC for passengers

Powertrain – Fully electric

Electric motor 300 kW peak, torque 2100 Nm
250 kW continuous

Gearbox: 2-speed to optimise energy consumption

Powertrain – Hybrid electric (biodiesel, HVO, diesel)

9-litre engine 320 hp (235 kW), torque 1600 Nm
Electric motor 130 kW, torque 1030 Nm

Gearbox: 12-speed with Scania Opticruise

Powertrain – Combustion, Euro 6

Biodiesel, HVO, diesel:

7-litre 280 hp (206 kW), torque 1200 Nm
9-litre 320 hp (235 kW), torque 1600 Nm
9-litre 360 hp (265 kW), torque 1700 Nm

HVO, diesel:

9-litre 280 hp (206 kW), torque 1400 Nm
13-litre 370 hp (272 kW), torque 1900 Nm

Fuel capacity:

140–360 litres (2-axle) for high floor 140–275 litres
140–360 litres (3-axle)
180–360 litre (low articulation)
180–560 litre (high articulation)

Biogas, natural gas:

9-litre 280 hp (206 kW), torque 1350 Nm
9-litre 340 hp (250 kW), torque 1600 Nm

Fuel capacity 1260–1875 litres

Gearbox:

12-speed with Scania Opticruise
6-speed fully automatic with acceleration control

Powertrain – Combustion, Euro 5

Biodiesel, HVO, diesel:

9-litre 280 hp (206 kW), torque 1400 Nm
9-litre 320 hp (235 kW), torque 1550 Nm
9-litre 360 hp (265 kW), torque 1700 Nm

Powertrain – Combustion, Euro 3

Biodiesel, HVO, diesel:

9-litre 250 hp (184 kW), torque 1250 Nm
9-litre 310 hp (228 kW), torque 1550 Nm

Electrical system

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

Battery 150 Ah, 180 Ah, 230 Ah or dual battery system
Alternator 150 A, 180 A, 2x150 A or 2x180 A

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 extinguishing equipment in the engine compartment

Suspension and wheels

Independent front suspension or rigid front axle, kneeling front door, whole front or whole side, automatic or manual control, total raising and lowering

Rims: Aluminium or steel

Tyres:

Low floor: 275/70, 275/80, 295/80, 305/70, 315/60, 315/70 (front)
275/70, 275/80, 295/80, 295/80 (rear)
275/70, 275/80 (centre)

Low entry: 275/70, 275/80, 295/80, 305/70, 315/60, 315/70 (front)
275/70, 275/80, 295/80, 305/70, 315/60, 315/70, 315/80 (rear)
275/70, 275/80, 295/80, 305/70, 315/60, 315/70, 315/80 (centre)
275/70, 275/80, 295/80, 305/70, 315/60, 315/70, 315/80, 385/65 (tag)
High floor: 275/70, 275/80, 295/80, 305/70, 315/60, 315/70, 385/65 (front)
275/70, 275/80, 295/80, 305/70, 315/60, 315/70, 315/80 (rear)
275/70, 275/80, 295/80, 305/70, 315/60, 315/70, 315/80 (centre)
275/70, 275/80, 295/80, 305/70, 315/60, 315/70, 315/80, 385/65 (tag)

Doors and windows

Optional: Tinted windows, single or double-glazed side windows, hopper window, double doors, inswing, outswing or sliding, pneumatic or electric operated doors at customer's choice

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