

i8, 13-LITRE DIESEL ENGINE

SCANIA IRIZAR

FOR TRAVEL OPERATIONS

Based on solid engineering experience, our new generation of coaches has been developed to meet the demands of today's and tomorrow's operations. Energy efficient, 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 Irizar coaches allows sustainable mobility to go hand-in-hand with operating economy.

- **Highly energy efficient**, with substantial fuel savings, up to 6% due to improved engine and gearbox efficiency, while the addition of cruise control with active prediction and pulse and glide function contributes further savings.
- **Advanced driver assistance systems (ADAS)**, give the driver good control of the vehicle through improved assisted handling, steering and braking.



General

Door configurations:

1-1-0

Dimensions

Length:

14.0 m

Width:

2.55 m

Height:

4.0 m

Passenger area

Seating: 54 Irizar seats, 1 guide seat, reading lamp and air nozzles

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

Roof hatches: Electric

Driver area

Seating: Heated driver seat ISRI

Instrument panel: Fixed

Equipment: Audio system, announcement system

Destinations signs

Placement: LED destination sign in front, side and rear

Climate systems

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

Axles and suspensions

Configurations:

3-axle with tag axle (steered)

Front axle:

Independent front suspension
Max. load capacity 8.0 tonnes

Rear axle:

Rigid axle, driven
Max. load capacity 13 tonnes

Tag axle:

Rigid axle, steered.
Electrohydraulic tag axle steering.
Max. load capacity bogie 19 tonnes (11.5 + 7.5 tonnes)

Full air suspension with electronic level control system (ELC)
Total raising or lowering of chassis height.
Kneeling whole side, automatic/manual control

Powertrains - Combustion, Euro 6

HVO, diesel:

13-litre 500 hp (368 kW), torque 2550 Nm

Fuel capacity (usable volumes): 567 litres

Gearbox:

12-speed gearbox with Scania Opticruise

Wheels

Tyre size: 315/80

Rims: Steel

Electrical systems

Battery 230 Ah, 24 V

Alternator 2x150 Ah

Brakes

Disc brakes, electronic brake system (EBS), anti-lock brake system (ABS), traction control (TC), bus stop brake, hill-hold, pad wear indicator, pipes manufactured from either rust protected steel or high impact synthetics, separate air tanks for each circuit, exhaust brake with automatic control

Support systems

Scania driver support, lane keep assistance, lane change collision prevention, cruise control with active prediction, attention support, advanced emergency brake, electro-pneumatic parking brake and vulnerable road user collision warning, Blind spot warning

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