

i6S, 13-LITRES 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:

13.9 m

### Width:

2.55 m

### Height:

3.9 m

## Passenger area

**Seating:** 53 Irizar seats as standard or customer choice, 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, manual/automatic control.

## Powertrains - Combustion, Euro 6

### Biodiesel, HVO, diesel:

13-litre 450 hp (331kW), torque 2350 Nm

**Fuel capacity** (usable volumes): 567 litres

### Gearbox:

12-speed gearbox with Scania Opticruise

## Wheels

**Tyre size:** 315/80

**Rims:** Aluminum

## Electrical systems

Battery 230 Ah, 24 V

Alternator 2x180 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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