

T50

SCANIA HIGER

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 Higer coaches allows sustainable mobility to go hand-in-hand with operating economy.





General

Door configurations: 1-1-0, 1-0-0

Dimensions

Length: 12.0 m

Width: 2.5 m, 2.55 m

Height: 3.6 m

Passenger area

Seating: Vega 440, manual or automatic wheelchair lift with separate door before the middle door, four priority seats with folding armrests, location for wheelchair or pram, folding seats, reading lamp and air nozzles

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

Roof hatches: Electric or fixed

Driver area

Seating: ISRI driver seat

Instrument panel: Fixed

Equipment: Audio system, announcement system

Climate systems

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

Axles and suspensions

Configurations: 2-axle

Front axle:

Independent wheel suspension or rigid axle

Max. load capacity

Independent suspension 8.0 tonnes

Rigid axle 8.0 tonnes

Rear axle:

Rigid axle, driven

Max. load capacity 13 tonnes

Full air suspension with electronic level control system (ELC)

Total raising or lowering of chassis height.

Kneeling instep, whole front or whole side.

Powertrains - Combustion, Euro 6

Biodiesel, HVO, diesel:

9-litre 320 hp (235 kW), torque 1600 Nm

9-litre 360 hp (265 kW), torque 1700 Nm

13-litre 410 hp (302 kW), torque 2150 Nm

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

HVO, diesel:

13-litre 370 hp (272 kW), torque 1900 Nm

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

Fuel capacity (usable volumes): 275 - 460 litres

Gearbox:

12-speed gearbox with Scania Opticruise

6-speed fully automatic gearbox (ZF EcoLife 2)

Wheels

Tyre size (front): 295/80, 315/70, 315/80

Tyre size (rear): 295/80, 315/70, 315/80

Aluminum or steel rims

Electrical systems

150, 180, 210 or 230 Ah or dual battery system, 24 V

Alternator 150, 180, 2x150 or 2x180 A

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

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