

T50

SCANIA HIGER

FOR TRAVEL OPERATIONS

Based on more than a century of 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: 2.50 m, 2.55 m

Height: 3.60 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, 3-axle with tag axle (steered or non-steered)

Front axle:

Independent wheel suspension or rigid axle

Max. load capacity:

Independent wheel suspension 8.0 tonnes

Rigid axle 7.5 tonnes

Rear axle:

Rigid axle, driven

Max. load capacity 13 tonnes

Tag axle:

Rigid axle, non-steered or 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 instep, whole front or whole side.

Powertrains - Combustion, Euro 5

Biodiesel, HVO, diesel:

9-litre 280 hp (206 kW) 1400 Nm

9-litre 320 hp (235 kW) 1600 Nm

9-litre 360 hp (265 kW) 1700 Nm

13-litre 410 hp (302 kW) 2150 Nm

13-litre 450 hp (331 kW) 2350 Nm

Fuel capacity (usable volumes): 275 - 460 litres

Powertrains - Combustion, Euro 6

Biogas, natural gas:

9-litre 280 hp (206 kW) 1350 Nm

9-litre 340 hp (250 kW) 1600 Nm

13-litre 410 hp (302 kW) 2000 Nm

Fuel capacity: 1260 - 1875 litres (CBG/CNG)

560 - 1120 litres (LBG/LNG)

Gearbox:

12-speed gearbox with Scania Opticruise

6-speed fully automatic gearbox (ZF EcoLife 2)

Brakes

Disc brakes, electronic brake system (EBS), anti-lock brakes (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

Wheels

Tyre size (front): 295/80, 315/70, 315/80, 385/65

Tyre size (tag): 295/80, 315/70, 315/80, 385/65

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

Aluminum or steel rims

Support systems

Scania driver support, lane departure warning, lane change collision prevention, adaptive cruise control with active prediction, attention support, advanced emergency braking, electropneumatic parking brake control, vulnerable road user collision warning, blind spot warning and Scania Fleet Management which collects, saves and sends information from the vehicle for analysis.
