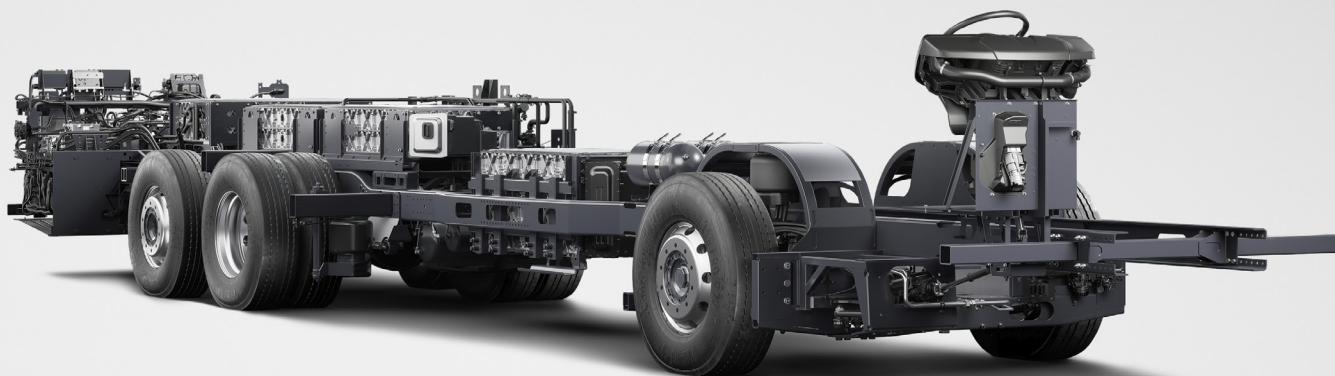


HIGH FLOOR

SCANIA K-CHASSIS

FOR URBAN TRANSPORT OPERATIONS

Based on more than a century of engineering experience, Scania buses have been developed to meet the demands of today's and tomorrow's cities; available in a wide range of powertrains and offering the latest technology in everything from safety systems to digital functionalities. And through outstanding uptime, energy efficiency, and load capacity, Scania buses, along with a number of value-adding services, allow sustainable mobility to go hand-in-hand with excellent operating economy.



TECHNICAL SPECIFICATIONS

The high floor Scania K-chassis offers a wide range of energy efficient and reliable powertrains suitable for operations in and between urban areas.

Powertrains

Battery electric / Plug-in hybrid

Powertrain type	Output (continuous)	Installed energy	Usable energy	Charging options	Wheel configuration
Battery electric (BEV) Electric machine	Up to 330 kW	Up to 535 kWh	Up to 480 kWh	CCS Type 2 Up to 325 kW (500 A)	4x2, 6x2*4

Gearbox: Integrated 2- or 4-speed gearbox for optimised energy consumption

Plug-in hybrid (PHEV) 13-litre Super 420 hp + Electric machine	420 hp (309 kW) + 2x145 kW	89 kWh	80 kWh	CCS Type 2 Up to 130 kW (200 A)	4x2, 6x2*4
---	----------------------------	--------	--------	------------------------------------	------------

Gearbox: Integrated 6-speed gearbox for optimised energy consumption

Combustion (Euro 6, SCR emissions control)

Displacement	Output	Torque	Fuel options
7-litre	280 hp (206 kW) at 1,900 r/min	1,200 Nm (1,050–1,600 r/min)	Biodiesel/FAME, HVO, diesel
9-litre	280 hp (206 kW) at 1,900 r/min	1,400 Nm (1,000–1,400 r/min)	HVO, diesel
9-litre	320 hp (235 kW) at 1,900 r/min	1,600 Nm (1,050–1,400 r/min)	Biodiesel/FAME, HVO, diesel
9-litre	360 hp (265 kW) at 1,900 r/min	1,700 Nm (1,050–1,475 r/min)	Biodiesel/FAME, HVO, diesel
11-litre Super	350 hp (257 kW) at 1,800 r/min	1,800 Nm (950–1,360 r/min)	HVO, diesel
11-litre Super	390 hp (287 kW) at 1,800 r/min	2,000 Nm (950–1,360 r/min)	Biodiesel/FAME, HVO, diesel
13-litre	370 hp (272 kW) at 1,800 r/min	1,900 Nm (900–1,340 r/min)	HVO, diesel
13-litre	410 hp (302 kW) at 1,800 r/min	2,150 Nm (900–1,340 r/min)	Biodiesel/FAME, HVO, diesel
13-litre Super	420 hp (309 kW) at 1,800 r/min	2,300 Nm (900–1,280 r/min)	HVO, diesel

Gearbox: 6-speed fully automatic gearbox (ZF EcoLife 2). Stop/start function, acceleration control, integrated retarder.
12-speed manual automated gearbox with Scania Opticruise and retarder (optional). Stop/start function, acceleration control.
New gearbox for Super engines: 14-speed manual automated gearbox with Scania Opticruise and retarder (optional).

Combustion – gas (Euro 6, EGR emissions control)

Displacement	Output	Torque	Fuel options
9-litre	280 hp (206 kW) at 1,900 r/min	1,350 Nm (1,000–1,400 r/min)	Biogas, natural gas
9-litre	340 hp (250 kW) at 1,900 r/min	1,600 Nm (1,100–1,400 r/min)	Biogas, natural gas
13-litre	410 hp (302 kW) at 1,900 r/min	2,000 Nm (1,100–1,400 r/min)	Biogas, natural gas

Gearbox: 6-speed fully automatic gearbox (ZF EcoLife 2). Stop/start function, acceleration control, integrated retarder.
12-speed manual automated gearbox with Scania Opticruise and retarder (optional). Stop/start function, acceleration control.

NOTE: The above does not include all available options. Engines with higher output are also available.

Axles and suspension

Configurations: 2-axle (4x2), 3-axle with tag axle, steered or non-steered (6x2 and 6x2*4), 3-axle articulated (6x2/2), 4-axle (8x2).
Full air suspension with electronic level control system (ELC).
Total raising or lowering of chassis height in the front or the whole side.

Front axle: Independent or rigid suspension – max. load capacity 8 tonnes

Rear axle: Rigid axle, driven – max. load capacity 13 tonnes

Centre axle (articulated): Rigid axle – 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)

Wheels

Tyre size (front): 275/70, 275/80, 295/80, 315/60, 315/70, 315/80, 385/65

Tyre size (rear): 275/70, 275/80, 295/80, 315/60, 315/70, 315/80

Aluminum or steel rims

Electrical system

Batteries 24V: 150, 170, 180, 210, 225 or 230 Ah or dual battery system (50 + 85 Ah)

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, Electropneumatic Parking Brake.

Safety and support systems

Alcolock Prep, Driver Attention Support, Speed-sign Information, Vulnerable Road User Detection - Front / Rear / Side, Adaptive Cruise Control, Lane Departure Warning (with Active Steering), Blind Spot Warning, Lane Change Collision Prevention, Tyre Pressure Monitoring, and Scania Driver Evaluation and Scania Fleet Management which collects, saves and sends information from the vehicle for analysis, Digital Instrument Cluster Display, Acceleration Control, Speed Limiter, Advanced Driver Distraction Warning, Remote Software Update Over-The-Air, Fire Detectors, Axle Load Monitoring/Warning.

NOTE: Each section is presented separately. All specifications can not be combined.



Want to see more?

For further information, including power and torque curve diagrams for combustion engines, please visit our K-chassis information page on [scania.com](https://www.scania.com) using this QR-code!