



SCANIA BUS CHASSIS K 410 IB 4X2 WITH OPTICRUISE

The luxurious and prestigious intercity express and tourist coach from Scania



THE NEW SCANIA BUS CHASSIS K 410 IB 4X2

Welcome each passenger with the assurance of the finest coach experience they will ever have. The Scania bus chassis K 410 IB 4x2 with Opticruise offers unmatched refinement for everyone on board, while you enjoy Scania's legendary reliability and operating economy.

Real passenger comfort and safety

- Low noise levels with full air-suspension offers unparalleled comfort levels.
- Electronic Braking System (EBS), Scania Retarder and Traction Control (TC) are standard features.

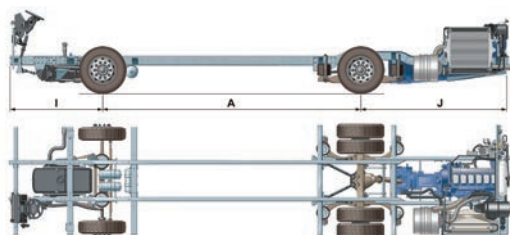
Instant appeal for operators and drivers

- A new powerful engine with higher torque at lower revs, giving you better drivability and better fuel economy.
- Scania Opticruise provides best in class optimal gear changes, letting drivers focus on maneuvering the coach. It also improves fuel economy while reducing clutch and synchromesh wear.
- Fully adjustable steering wheel provides excellent driver station ergonomics, while hanging pedals enhance driver comfort, giving drivers a car-like feel.





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Delivery chassis illustration

ENGINE

13 litre DC13 107 EURO 3

4-stroke 6-cylinder in-line, 4-valves per cylinder, turbo-charged, intercooled, Scania PDE injection (separate electromagnetically controlled unit injectors) and air cleaner.

Maximum Output

301 kW (410 hp) @ 1,900 r/min

Maximum Torque

2,000 Nm @ 1,000 – 1,350 r/min

Equipped with:

Cruise Control
Speed Limiter
Centrifugal engine oil cleaner

GEARBOX

GR875R, 8-speed Scania Opticruise with kick-down and oil cooling for gearbox.

RETARDER

Scania Retarder – automatic and manual control.

AXLE GEAR

R660, gear ratio 2.73

COOLING SYSTEM

Hydraulic driven, temperature - regulated cooling fan at 80°C.

FUEL SYSTEM

310 litres polyethylene tank, fuel filter chassis mounted with water separator.

BRAKES AND SAFETY

Disc brakes on front and rear axle, full air brakes with independent circuits for front, rear & parking circuits, with following as **standard**:

- Electronically controlled Anti-lock Braking System (EBS)
- Traction Control (TC)
- Interlock valve with parking brake
- Asbestos-free linings
- Hill Hold function

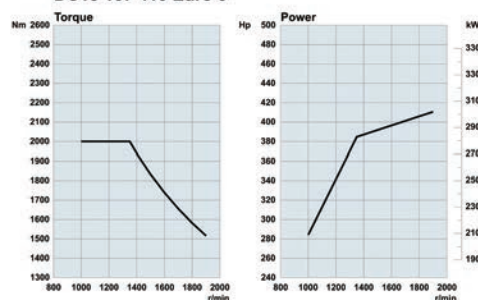
AIR DRYER

High capacity air dryer with intelligent compressor control and oil separator.

SUSPENSION

Front (2) and rear (4) air bellows with heavy duty shock absorbers. Anti-roll bars on both axles. Total raising and lowering suspension.

DC13 107 410 Euro 3



STEERING

Hydraulic powered. Fully adjustable steering wheel column, with air-powered locking mechanism. Right hand drive.

FIRE ALARM SENSORS

3 (three) fire alarm sensors located in engine compartment.

ELECTRICAL SYSTEMS

Alternator : Heavy duty 150A + 150A
Master Switch : Located at batteries
Batteries : 2 x 220 Ah capacity
(Maintenance-free)

INSTRUMENT GAUGES

Speedometer km/h; r/min meter; air pressure; fuel; temperature; LCD multi-display panel, individual start function key with engine stop request, automatic return on direction indicator level with button for windscreen washing.

TYRES AND RIMS

295/80 R22.5 tubeless tyres on 9.00 x 22.5 rims in the front and rear with spare, splash guard, front hub cover.

OTHERS

Air conditioning bracket on the chassis with tensioner and extra pulley for air conditioning compressor drive.

TECHNICAL SPEC

Front axle load (Max) : 7,500 kg
Rear axle load (Max) : 12,000 kg
Gross vehicle weight : 19,500 kg

DIMENSIONS

Axle distance (A) : 6,000 mm (variable)
Front overhang (I) : 2,500 mm
Rear overhang (J) : 3,290 mm
Chassis length : 11,790 mm (variable)
Chassis width : 2,500 mm

WHEEL LOCK : 52° (max)

TURNING CIRCLE (Ø) : 19.4 m, kerb-to-kerb



SCANIA

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