



SCANIA BUS CHASSIS K310, K360, K410, IB 4X2 WITH OPTICRUISE

TmsBus®

## The high quality, reliable and economical intercity express and tourist coach from Scania



### THE NEW SCANIA BUS CHASSIS

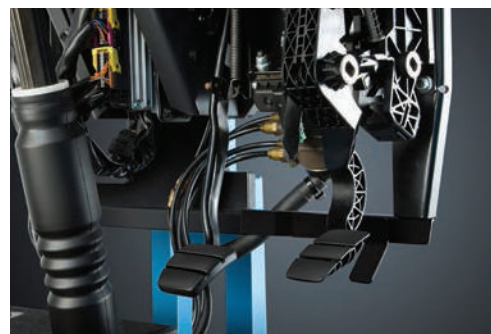
The Scania bus chassis put unending smiles on your passenger's face with unmatched comfort. You'll be smiling too, as you enjoy proven Scania reliability and an exceptionally low running cost.

#### Real passenger comfort and safety

- Low noise levels with full air-suspension offers unparalleled comfort levels.
- Electronic Braking System (EBS), Scania Retarder Hill Hold 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 better comfort and 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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# SPECIFICATION

MODEL	K310 IB 4X2		K360 IB 4X2	K410 IB 4X2
Engine Model	9-litre DC09 115 (Euro 3)		13-litre DC13 108 (Euro 3)	13-litre DC13 107 (Euro 3)
Engine Type	4-stroke 5-cylinder in-line, 4-valves per cylinder, turbo-charged, intercooled, Scania PDE injection (separate electromagnetically controlled unit injectors) and air cleaner.		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	228kW (310hp) @ 1,900r/min		265 kW (360hp) @ 1,900r/min	301kW (410hp) @ 1,900r/min
Maximum Torque	1,550Nm @ 1,000 – 1,350r/min		1,750Nm @ 1,000 – 1,350r/min	2,000Nm @ 1,000 – 1,350r/min
Equipment	Speed Limiter Centrifugal engine oil cleaner		Cruise Control Speed Limiter Centrifugal engine oil cleaner	
Gearbox	GR875R, 8-speed Scania Opticruise with kick-down.		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.			
	<ul style="list-style-type: none"><li>Electronically controlled Anti-Lock Braking System (EBS)</li><li>Traction Control (TC)</li><li>Asbestos-free linings</li><li>Hill Hold function</li></ul>		<ul style="list-style-type: none"><li>Electronically controlled Anti-Lock Braking System (EBS)</li><li>Traction Control (TC)</li><li>Interlock valve with parking brake</li><li>Asbestos-free linings</li><li>Hill Hold function</li></ul>	
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.			
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 100A + 100A Master Switch: Located at batteries Batteries: 2 x 220 Ah capacity (Maintenance-free)		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.		Air conditioning bracket on the chassis with tensioner and extra pulley for air conditioning compressor drive.	
Technical Specification			Front axle load (Max): 7,500 kg Rear axle load (Max): 12,000 kg Gross vehicle weight: 19,500 kg	
Dimensions			Axle distance: 6,000 mm (variable) Front overhang: 2,500 mm Rear overhang: 3,290 mm Chassis length: 11,790 mm (variable) Chassis width: 2,500 mm	
Wheel Lock	52° (max)			
Turning Circle (Ø)	19.4m, kerb-to-kerb			