

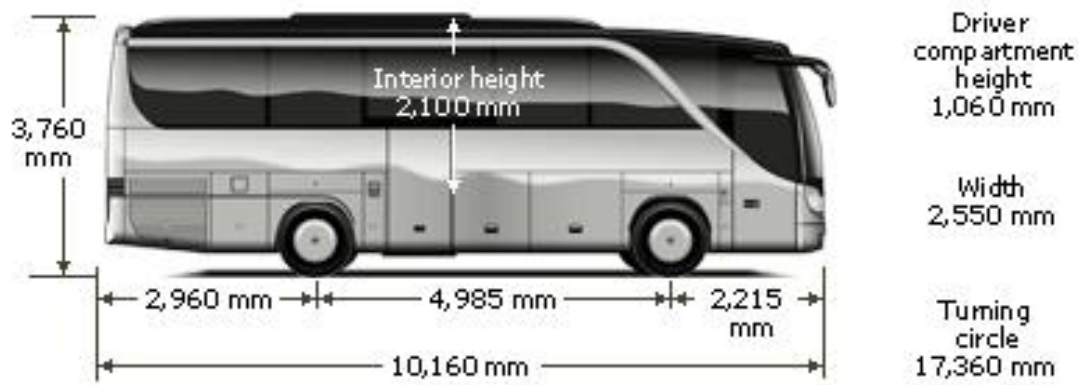


Best in Class



Technical Data

S 411 HD



Technical Data

Length	10,160 mm
Width	2,550 mm
Height	3,760 mm
Interior standing height	2,100 mm
Driver's position height	1,060 mm
Wheelbase	4,985 mm
Front overhang	2,215 mm
Rear overhang	2,960 mm
Turning circle	17,360 mm
Cubic capacity	11,950 cm ³
Embankment angle	58 °

Description	
Engine	MB OM 501 LA Euro IV (BlueTec 4) 6-cylinder-V-engine
Power output	300 kW / 408 hp
Max. torque at engine speed	1,900 Nm / 1,080 rpm
Bore / stroke	130 / 150 mm
Engine governing	PLD (pump-line injection) Constant-throttle / engine brake + 100 km/h speed limiter
Transmission	MB GO 190, servo-assisted
Fuel tank capacity	445 litres, behind driving axle, Filler caps on both sides Approximately 42 litres of AdBlue to the right of fuel tank
Clutch	Air-assisted, asbestos-free friction material, selfadjusting
Air intake	Dry air filter
Air dryer	Single-chamber design
Front axle	Double cross-link independent suspension, Maintenance-free molecular links, shock absorbers, anti-roll bar
Driven axle	MB HO 6-axle, shock absorbers, anti-roll bar
Suspension	Air suspension with 2 air springs at front and 4 air springs on driving axle, suspension raising / lowering system, electronic level regulation
Brakes	Front axle – pneumatic disc brakes Driving axle – pneumatic disc brakes Asbestos-free friction material, self-adjusting brakes, constant wear, monitoring and automatic adjustment, ESP-Electronic Stability Program ABS-Anti-lock Braking System, ASR-Acceleration Skid Control, EBS-Electronic Braking System BA-Brake Assist, retarder limiter for optimal braking, Engine Brake, elektro-pneumatic parking brake, Voith VR 115 E retarder
Steering	ZF Servocom

Steering gear between front wheels

Tyres	295 / 80 R 22,5
Body	Self-supporting tubular space frame, with full-circle frame ribs, sheet steel panelling hot-dip galvanised on both sides, removable bumpers, high quality plastic front and rear sections, Front collision Guard (FCG), Underride guard, absorber structure, Movable cockpit
Luggage compartment	Aluminium luggage compartment doors, luggage compartment lighting, power door locks
Mirrors	2 exterior mirror units, mirror glasses electrically adjustable, heated mirrors, folding, integral doorway light
Lights	Litronic dipped beam, turning lighting unit, ambient illumination, running lights, front direction indicators with LED technology, rainsensor, lightsensor
Passenger compartment	37 (***) TOP single couchette, adjustable backrest, side transverse adjustment, aisle-side folding armrest, lap-seatbelt, passenger compartment lights along entire vehicle length, reading light for each passenger in the service set inc. multiple-adjustment ventilator jets
Communication systems	Blaupunkt Communication system Options: CD changer, DVD player, Video player, Electrically folding flat screens, Navigation systems
Cockpit	Grammer MSG 90.6 PG driver's seat With 3-point seatbelt, IPS-system, optimised seat ventilation properties, etc., single folding tour guide seat with adjustments
Instrument panel	With digital tachograph, multifunctional steering wheel, coloured multifunction display, highlighting vehicle and driver's parameters, separate heating / ventilation / air conditioning at driver's position
Heating	K <input type="checkbox"/> Convector heating entire vehicle length left and right, Option: Axial fan heater with temperature

adjustment

Ventilation / air-conditioning

ComAir air conditioning

Air intake

Via two roof channels, air outlet via roof over center aisle and via side window, additional ventilation via individual jets with separate adjustment of direction and flow

Air extraction

Via low pressure zone at front

Subject alteration due to technological advances
