

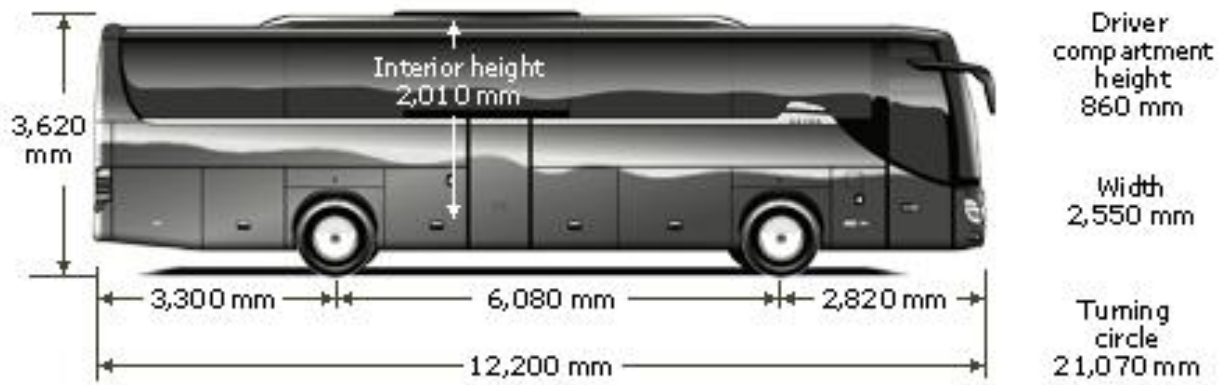


Best in Class



# Technical Data

## S 415 GT-HD



## Technical Data

Length	12,200 mm
Width	2,550 mm
Height	3,620 mm
Interior standing height	2,010 mm
Driver's position height	860 mm
Wheelbase	6,080 mm
Front overhang	2,820 mm
Rear overhang	3,300 mm
Turning circle	21,070 mm
Cubic capacity	11,967 cm <sup>3</sup>
Embankment angle	58 °

Description	
Engine	MB OM 457 LA Euro IV (BlueTec 4) Straight 6-cylinder in-line engine
Power output	315 kW / 428 hp
Max. torque at engine speed	2,100 Nm / 1,100 rpm
Bore / stroke	128 / 155 mm
Engine governing	PLD (pump-line injection) Constant throttle / engine brake + 100 km/h speed limiter
Transmission	MB GO 210, servo-assisted
Fuel tank capacity	490 litres, forward of front wheels filler caps on both sides Approximately 59 litres of AdBlue to the right of fuel tank
Clutch	Air-assisted, asbestos-free friction material, self-adjusting
Air intake	Dry air filter
Air dryer	Single-chamber design
Front axle	Independent suspension, shock absorbers, anti-roll bar, Double cross-link independent suspension, Maintenance-free molecular links
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 driven axle, suspension raising / lowering system
Brakes	Front axle – pneumatic disc brakes Drive axle – pneumatic disc brakes Asbestos-free friction material, self-adjusting brakes, constant wear monitoring and automatic adjustment, Maintenance-free disc pad wear display, ESP Electronic Stability Program, ABS Anti-lock Braking System, ASR Acceleration Skid Control, EBS Electronic Braking System, BA - Brake Assist, retarder limiter, Engine brake, electro-pneumatic parking brake, Voith VR 115 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
Luggage compartment	Aluminium luggage compartment doors, luggage compartment lighting, power door locks
Mirrors	2 exterior mirror units, mirror glasses electrically adjustable, heated mirrors, folding
Lights	Halogen headlighths (optional: Litronic dipped beam), LED front direction indicators
Passenger compartment	49 (***) Travel single couchette, adjustable backrest, 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 90.5 driver's seat With 3-point seatbelt, IPS system, optimised seat ventilation properties, etc., Single folding tour guide seat with adjustments
Instrument panel	Developed in the ergonomics laboratory with electronical tachograph, monochrome multifunction display, highlighting vehicle and driving parameters, separate heating / ventilation / air conditioning at driver's position
Heating	Convector heating along entire vehicle length left and right
Ventilation / air-conditioning	ComAir air conditioning (32 kW), Automatic control 2 roof openings as emergency exit with ventilation function
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

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Air extraction

Via low pressure zone at front

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