

The Sprinter



Mercedes-Benz



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The Sprinter. Every version a true professional

Your Sprinter is a professional partner on whom you can count.

Nobody knows more about your job than you do. That's why the Sprinter Panel Van and Freight Carrier lets you take your pick. With two wheelbase versions, three body lengths and three load compartment heights, you have the freedom of selecting the right solution for virtually any transport task. Several application-matched engines can be combined with a wide range of special equipment to fit any and every need. And as you would expect of the Sprinter, its many practical talents don't come at the expense of an attractive appearance: dynamic lines, satisfying proportions, low lifecycle and running costs. The characteristic Mercedes-Benz face are standard whatever the version – 3.5 or 5 ton GVM.

For the Freight Carrier there is a choice of either a single or a double cab, available with a choice of two wheelbases.

The Sprinter is a vehicle that you can count on in the tough reality of everyday operations. Low running costs, reliability and durability are synonymous with the Sprinter.

- Service intervals up to 30 000 km (ASSYST)
- 2-year / unlimited km warranty
- 12-year anti-corrosion warranty standard
- Fuel / water separator
- Reinforced front and rear suspension for tough road conditions





Sprinter Panel Van

Whatever you want to load – the Sprinter takes it in its stride

The Sprinter goes out of its way to meet panel van customers' continually increasing expectations regarding flexibility. Extra-large door openings and innovative technology allow fast, efficient and convenient loading and unloading.

The Sprinter Panel Van takes any load you throw its way. Loads can be added from the back, left-hand side or optionally, from the right as well. The exceptionally wide side load compartment opening allows pallets to be loaded comfortably.

- Choose between 3 665 mm and 4 325 mm wheelbases
- Three body lengths, including the Sprinter 519XL and three load compartment heights with a maximum of 2 140 mm
- Cargo volume from 9 to 17 m³
- Payload capacity from 1 485 to 2 500 kg
- Towing capacity of up to 2 t (with braked trailer)
- Max. loading length 4 700 mm, max. load compartment height 2 140 mm
- Easy loading, 1.3 m wide sliding door
- Hinged rear doors with maximum opening angle 180°, optionally 270°
- Flexible load-securing and cargo-retention system: standard-fit anchoring rings, lashing rails in the floor (optional), sidewalls (optional) and roof frame as well as tensioning straps (optional); further load-securing aids are available as accessories
- Full bulkhead to separate driver and loading compartment
- Spacious interior with a wide range of optional and standard equipment from which to choose
- Twin co-driver's seat with stowage compartment under seat cushion and integral folding table in backrest
- Several cup holders and two bottle holders (1.5-litre bottles) on door panel
- Comfortable workplace and easy handling
- Generous stowage in the cab offers plenty of handy storage space (e.g. compartment above the windscreen as standard)
- ADAPTIVE ESP® Electronic Stability Program in conjunction with the anti-lock braking system (ABS), acceleration skid control (ASR), Brake Assist (BAS) and electronic brake force distribution (EBD)
- Hill start assist standard on all models
- CDI diesel engines with outputs of between 85kW and 140kW, with fuel/water separator as standard.
- Trailer Stability Control Assist available with optional tow-bar fitted ex-factory





Sprinter Freight Carrier – Something to build your business on

Mercedes-Benz chassis are developed with this aspect firmly in mind, meaning that they provide an excellent basis for bodies and conversions for all industries. Mercedes-Benz cooperates closely with qualified partner companies, meaning that the Sprinter can meet even the most unusual of individualisation requirements.

Body-builders are key when it comes to providing individual industry solutions. Here too, quality is the highest precept for us. This is why Mercedes-Benz cooperates closely and intensively with body-builders, offering them comprehensive support. This philosophy has numerous advantages for customers: by combining our know-how with that of the body-builders, we are able to provide an extremely wide range of body types of a very high quality.

- Choose between 3 665 mm and 4 325 mm wheelbases
- Low frame chassis
- Body mounting points
- Towing capacity of up to 2 t (with braked trailer)
- Payload capacity from 1 795 to 2 990 kg
- 3 550 and 5 000 kg GVM
- Ergonomic cockpit
- 3-Seater Single Cab
- 7-Seater Double Cab
- Spacious cab with a wide range of optional and standard equipment from which to choose
- Several cup holders and two bottle holders (1.5-litre bottles) on door panel

- Twin co-driver’s seat with stowage compartment under seat cushion and integral folding table in backrest
- Generous stowage in the cab offers plenty of handy storage space (e.g. compartment above the windscreen as standard)
- ADAPTIVE ESP® Electronic Stability Program in conjunction with the anti-lock braking system (ABS), acceleration skid control (ASR), Brake Assist (BAS) and electronic brake force distribution (EBD)
- Hill start assist standard on all models
- CDI diesel engines with outputs of 110 kW to 140 kW, fuel/water separator as standard



Taxi



- Sprinter Inkanyezi Taxi Conversion
- Complete solution for Taxi industry
- Complies with Taxi Recapitalisation Programme (TRP) regulations and SABS / NRCS standards

Mobile Workshops



- Workshop solutions on request

Emergency Medical Services / Government



- Ambulances / Patient Transporter
- Mobile intensive care units
- Prisoner / Personnel transporter
- Command centre

Semi Lux and Luxury Passenger Transport



- Conversions as per customer request

Sprinter Custom Applications: making the best out of the best

The Sprinter's versatile and practical nature makes it ideal for just about any application and any industry you can imagine.

Mercedes-Benz recommended body-builders maximize Sprinter's intelligent, robust and quality design when crafting custom applications, whilst ensuring that safety, comfort and reliability standards are not compromised.

Whether it be customized luxury transport, mobile home, ambulance, refrigerated van, taxi, or more, the Sprinter is the best solution.

Mobile Offices



- Mobile office solutions on request
- Outside broadcasting unit

Mobile Homes



- Customised options to suit customer needs

Freight Carrier



- Farming, Distribution and Courier express
- Various options and equipment available (eg. Drop sides)
- Construction / Maintenance



Give yourself a comfortable lead

The conditions in which you operate your van aren't getting any easier. So it's good that you can at least count on the Sprinter to lighten the strain: expect high standards of operating ease and convenience, lots of space and plenty of clever solutions. On top of this, the Sprinter also offers you a wide range of practical and innovative equipment which you can mix and match to suit your requirements. After all, you're in the driving seat.

The Sprinter sets standards in driver comfort and control, largely due to a new instrument panel that takes design, materials quality and ergonomics to the next level. Numerous convenience features also offer the driver important benefits in terms of active safety.

- Generous accommodation for all occupants
- Driver's seat with extensive adjustment capabilities
- Low interior noise level
- Steering wheel adjustable for height and reach
- Multifunction steering wheel with trip computer as an optional extra
- Handy joystick-style shift lever
- Power windows for driver and co-driver
- Powerful heating and ventilation system
- Latest-generation radios (optional equipment)
- Optional PARKTRONIC parking aid front and rear with audible signal and visual display in the exterior mirror and on the instrument panel
- New ECO GEAR 6-speed manual gearbox for all models
- New 2-stage turbo engines (OM651) for 4-cylinder models
- Hill start assist for vehicles with manual transmission
- Central locking with radio remote control as standard
- Large heated mirrors with integrated indicator



7G-TRONIC automatic transmission optionally available for the CDI models (3.0 V6) Sprinter 318, 518 only



Optional twin co-driver's seat with folding table and stowage compartment



Convincing on the road – and on the balance sheet too

Cost-efficiency is essential in running a successful business – and it's one of the factors that have helped to make the Sprinter so popular. Our engineers have paid particularly close attention to aspects of the vehicle which affect your bottom line: reliability, long service life and engines that combine fuel economy with ample power reserves. In addition, if you often have to contend with difficult operating conditions, our reinforced suspension for rugged terrain is standard.

Reasons for the Sprinter's excellent overall economy include high quality standards, exemplary engineering, good resale values and state-of-the-art engines. Fuel consumption in the 4-cylinder and 6-cylinder CDI diesel engines with manual transmission is economical.

- The ASSYST service computer helps to reduce service costs: it allows flexible oil change intervals of up to 30 000 km on average for diesel vehicles, depending on the intensity of vehicle usage and driving style.
- 2-Year unlimited km warranty
- There is also a 12-year corrosion perforation warranty

- Our engines meet Euro4 and Euro5 emission standard
- Fuel/water separator filter standard across all models
- Easy access to maintenance points
- Large cargo capacity and high payload for economical transport operations





Your safety is paramount

There's no such thing as too many safety features. That's why we've made every effort to ensure that the Sprinter offers the driver, co-drivers, passengers and other road users the highest possible degree of protection. One example is ADAPTIVE ESP®.

The Sprinter's ADAPTIVE ESP® system which takes account of the load status represents another positive development in the van segment. But it is only one of many active and passive safety features which help the Sprinter to set new standards.

- ADAPTIVE ESP® Electronic Stability Program in combination with anti-lock braking system (ABS), acceleration skid control (ASR), Brake Assist (BAS) and electronic brake force distribution (EBD)
- An ESP® system which for the first time automatically adapts to changes in the vehicle load
- ESP® Trailer stability assist for vehicles with ex-factory towbar
- Very good crash performance
- Head restraints with 2-way adjustment standard on all seats; 4-way adjustment optionally available
- Driver airbag as standard
- Optional front airbag for single or twin co-driver's seat
- Three-point seat belts on all seats; with belt tensioners for driver and co-driver

- Improved hydraulic brake system for even better braking performance
- Adaptive brake lights as standard
- Both exterior mirrors have integral wide-angle auxiliary mirrors
- Optional bi-xenon headlamps with Add-Light System and cornering light function
- Optional rain sensor with Headlamp Assist
- Bulb failure indicator
- Practical load-securing system comprising anchoring rings with increased load rating as well as optional lashing rails in the floor, sidewalls and below the roof frame; tensioning straps optional
- Central locking with radio remote control and improved anti-theft protection



The above figure shows various activated airbags (maximum deployment) – for illustrative purposes only

Make life easier for yourself

The Sprinter offers a wide range of standard and special equipment features which help to make life on the road a whole lot pleasanter and safer. Why not start compiling your wish list now...



- **Comfort seats**
Take a seat: comfort seats with individual adjustment options, including squab angle adjustment and manual lumbar support.



- **Cockpit stowage**
Generous stowage includes plenty of handy storage space (e.g. compartment above the windscreen) and several cup holders.



- **Steering wheel adjustable for height and reach**
The extensive adjustment capabilities ensure that drivers of different sizes quickly find a seating position to suit them.
- **Power-assisted steering**
The power-assisted steering assists manoeuvring.



- **Full-height load compartment trim, plywood**
Plywood panelling protects the metal surfaces from damage, e.g. due to shifting loads, right up to roof level.



- **Audio 20 radio**
Radio with dual tuner,CD player with MP3 capability,Bluetooth interface with hands free function,telephone keypad.



- **Stowage facilities in the driver and co-driver doors**
The spacious compartments in the interior panelling on the driver and co-driver doors each provides plenty of room for a 1.5-litre bottle.



- **“Sound 5” radio**
Functional radio with clearly legible dot-matrix display, FM/AM tuner with RDS, and MP3-compatible CD player. When combined with the non-integrated hands-free system, the voice signals are relayed via the radio amplifier and vehicle speakers. A factory-fitted CD player is optionally available and a connection for an external audio source (e.g. MP3 player) can be ordered from the accessories range.



- **Full bulkhead**
The bulkhead protects the driver and co-driver from shifting loads.



- **Driver and co-driver armrests**
The angle-adjustable armrests enhance comfort and relaxation, particularly on long journeys.
* Co-driver armrests optional



- **Twin co-driver's seat**
Provides seating for a third person in the driver's section. The table function provides an additional storage surface; the seat base can be used as a stowage compartment.



- **Driver front airbag**
When combined with a fastened seatbelt, the driver front airbag provides enhanced protection in severe frontal collisions.
- **Co-driver front airbag**
A co-driver front airbag is also available for the twin co-driver's seat.



- **Half-height load-compartment trim, washable**
Half-height wood hardboard panels trimmed with grey PVC sheeting protect the metal surfaces from damage, e.g. due to shifting loads, and enhance the appearance of the load compartment.



☐ **Waistline lashing rails**
 In conjunction with load-securing straps, the sidewall lashing rails can be used to secure medium-tall bulky cargoes.



☒ **Load-securing rings in the load compartment floor**
 The load-securing rings are used in conjunction with optional straps to prevent the load from shifting.



☐ **Lashing rails under roof frame**
 In conjunction with load-securing straps, the lashing rails under the roof frame can be used to secure tall, bulky cargoes.



☒ **Side rub strips**
 Wide plastic strips help to prevent minor damage to the bodywork.



☐ **Load-securing system**
 Lashing rails fitted flush with the floor are a fast and simple means of restraining cargoes of varying sizes.



☐ **Bi-xenon headlamps with Add-Light System and cornering light function**
 Better illumination of the area immediately to the side of the vehicle enhances safety, especially on tight bends, at junctions and when manoeuvring.



More equipment and appointment options

- Standard equipment
- Optional equipment

Interior	
Folding handbrake lever	○
Full bulkhead	●
High roof options	○
Indicator lights for turn signal indicators, main beam, charging current, oil level, coolant level, brake fluid and brake pads, etc.	●
Instrument cluster with clock and outside temperature display, etc.	●
Insulating flooring with non-slip rubber coating in cab	○
Lashing rails in load compartment	○
Overhead panel lamp	●
Load compartment sidewall trim	○
Load-securing rings in load compartment	●
Lockable glove compartment	●
Rev counter	○
Twin co-driver's seat	●
Exterior	
Heated rear window	○
Hinged rear doors opening to 270°	○
Hinged rear doors with window	○
Metallic paint finish	○
Sliding load compartment door (left)	●
Trailer wiring harness	●
Wheel cover	●

Comfort and convenience	
Audio 20 CD/MP3 with Bluetooth as optional	○
Auxiliary heater	○
Central locking with radio remote control	●
Comfort driver's/co-driver's seat	○
Electrically adjustable and heated exterior mirrors	●
Fine-control heating and ventilation system with four-stage blower and two additional fresh air outlets	●
Swivelling seats (low-base)	○
Hinged rear doors opening to 180°, making loading easier	●
Multifunction steering wheel with trip computer	○
Multiple adjustment for driver's seat, ensuring relaxed seating position	●
PARKTRONIC parking assist with in-mirror indicators	○
Two-way speakers (front)	●
Euro 4 and Euro 5 engines with low emissions	●
Driver seat with armrest	●
Wooden floor	●
Toolkit and warning triangle	●
Power windows	●
Pre-installation for radio	○
Rack-and-pinion power steering	●
Radio and communication systems:	○
– "Sound 5" radio with CD player, MP3-compatible	○
Hill start assist (for manual models) (Hill-holder)	●
Steering wheel adjustable for height and reach	●
Suspension seat for driver/co-driver	○
TEMPMATIC thermostatically controlled air conditioning	○
Tinted windows	●

Technical features	
7-speed Automatic transmission 7G-TRONIC (for 3.0 V6 only)	○
ASSYST service computer	●
Cruise control	○
Safety/suspension	
16" tyres, 235/65 R 16 (3.5 t) (195/75 R16: 5t)	●
2-way head restraints on all seats	●
ADAPTIVE ESP® (Electronic Stability Program) in conjunction with ABS, acceleration skid control (ASR), electronic brake force distribution (EBD) and Brake Assist (BAS)	●
Airbag (co-driver; also for twin co-driver's seat)	○
Airbag (driver's side)	●
Bi-xenon headlamps with Add-Light System and cornering light function	○
Halogen headlamps	●
Headlamp cleaning system (with Bi-xenon)	○
Headlamp range adjustment	○
Adaptive brake lights	●
Re-inforced front stabiliser (standard on long and extra-long versions)	●
Re-inforced rear stabiliser	●
Independent front suspension	●
Three-point seat belts on all seats; with belt tensioners and belt force limiters for driver's and single co-driver's seat	●
Re-inforced shock absorbers	●
100 L tank (5t models only)	●
6-speed manual transmission	●
Halogen fog-lamps	○
Fuel-water separator /filter	●



Our services. Professional in every respect

There is one factor intrinsic to all the unique qualities which characterise our vans: the people behind the Mercedes-Benz brand. People who do their job with the same professionalism as you do yours. And who are committed to working with you on any van-related issue to find a solution that genuinely deserves to be described as “customer-focused”. From identifying the best vehicle configuration right up to preparing a tailor-made package of services. Because there’s no solution like a professional solution.

Our vehicle services, mobility packages, individual leasing, financing and insurance options – and much more besides – can help your business to operate competitively and cost-effectively. Your Mercedes-Benz van dealer will be happy to provide you with detailed advice on what is available and what best suits your needs.



Value-added service offerings

- 24 Hour roadside assistance
- Dedicated customer call centre
- Nationwide service network
- High quality genuine Mercedes-Benz spare parts

Warranty included with the vehicle

- 2-year new vehicle warranty with unlimited mileage on functional defects, according to our terms and conditions
- There is also a 12-year corrosion perforation warranty

Financial Services and CharterWay

- Attractive, customised leasing, finance and insurance plans
- Van insurance gives your vehicle the protection it deserves
- Concentrate on your core business: CharterWay makes it easier to calculate your fleet costs
- Service and maintenance contracts tailored to your specific requirements



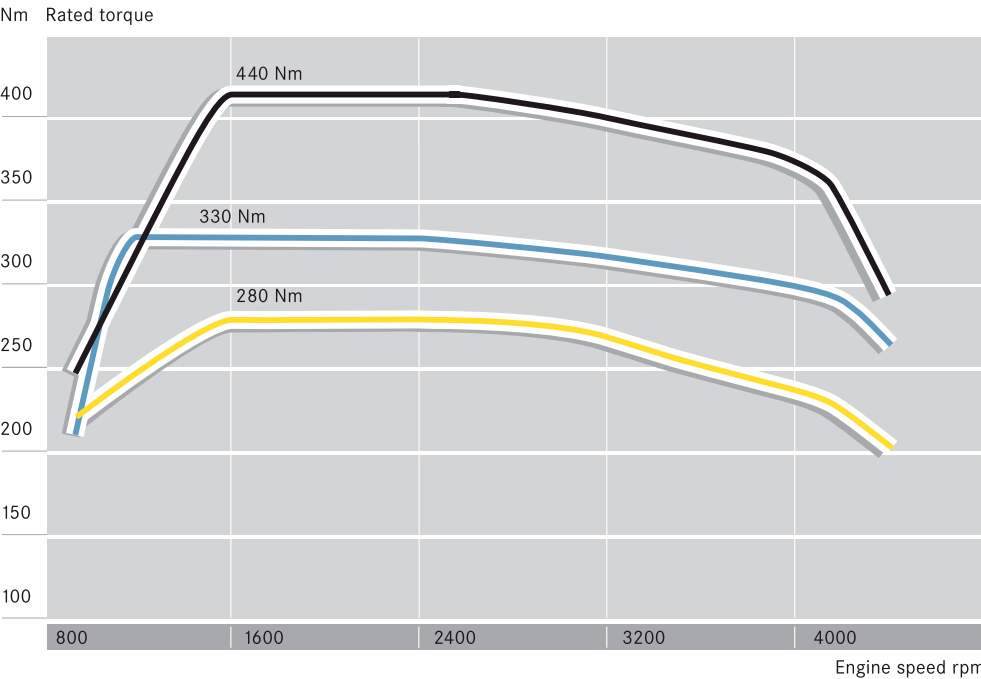
Model range and engines

		Panel Van					
Permissible GVW (T)		3.5 t			5.0 t		
Wheelbase (R)		R2	R3	R3L	R2	R3	R3L
		Roof height					
4x2 drive							
311CDI 85 kW (116hp) OM651 DE22LA diesel engine	SR	●					
	HR	●					
	SHR						
315 CDI/515 CDI 110 kW (150 hp) OM651 DE22LA diesel engine	SR	●					
	HR	●				●	
	SHR					●	
319CDI/519CDI 140 kW (190 hp) OM642 DE30LA diesel engine	SR	●					
	HR	●				●	●
	SHR					●	●

Key for model range:
wheelbases/body types
R2 = 3665 mm/Standard
R3 = 4325 mm/Long
R3L = 4325 mm/Extra-long (with long overhang, 2015 mm)

Roof heights
SR = standard roof
HR = high roof
SHR = super-high roof

Torque curves



Torque curves*:

●	CDI engine OM651 DE22LA 85kW (116 hp)
■	CDI engine OM651 DE22LA 110kW (150 hp)
■	CDI engine OM642 DE30LA 140kW (190 hp)

* OM651 engines certified to EURO4/EU4 Gr. III
* OM642 engines certified to EURO5/EU5 Gr. IV

Technical data

	Diesel engines		Diesel engines		
Models	311 CDI	315 CDI	515 CDI	319 CDI	519 CDI
4x2 drive	•	•	•	•	•
Engine	OM 651 DE22LA	OM 651 DE22LA		OM 642 DE30LA	
No. of cylinders	4	4		6	
Arrangement	in-line	in-line		V 72°	
No. of valves	4	4		4	
Displacement [cc]	2148	2148		2987	
Rated output [kW/hp]	85/116	110/150		140/190	
at engine speed [rpm]	3800	3800		3800	
Rated torque [Nm]	280	330		440	
at engine speed [rpm]	1200–2400	1200–2400		1600–2600	
Fuel type	Diesel	Diesel			
Tank capacity [ℓ]	Approx. 75 ℓ		Approx. 100 ℓ		
Mixture preparation	Electronically controlled direct injection with common rail, turbocharger and intercooler				
Battery [V/Ah]	12/74				
Alternator [V/A]	14/90				
Perm. GVW [kg]	3550	3550	5000	3550	5000
Perm. gross combination weight [kg]	5500	5500	7000	5500	7000

The Sprinter Panel Van – overview

Body	Standard	Long	Extra-long
Wheelbase	[3665 mm]	[4325 mm]	[4325 mm]

Standard roof			
Cargo capacity [m³]	9.0	–	–
Payload [kg]	1488	–	–
Perm. GVW [kg]	3550	–	–

High roof			
Cargo capacity [m³]	10.5	14.0	15.5
Payload [kg]	1455	2500	2430
Perm. GVW [kg]	3550	5000	5000

Super-high roof*			
Cargo capacity [m³]		15.5	17.0
Payload [kg]			
Perm. GVW [kg]		5000	5000

* Not available for bus conversion

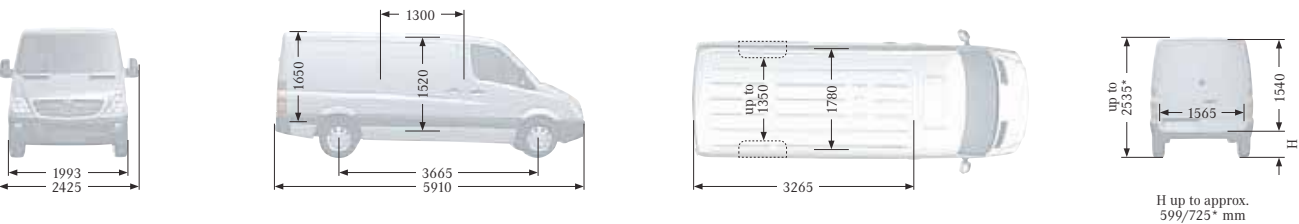




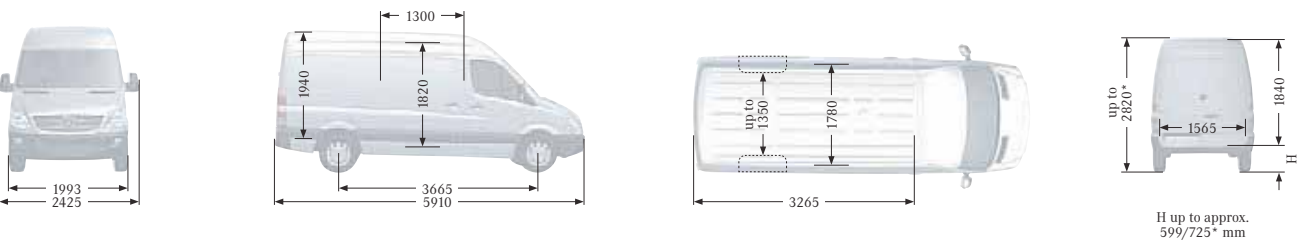
Standard Sprinter Panel Van with 3665 mm wheelbase

		Standard roof	High roof
Load area [m²]		5.2–5.5	5.2–5.5
Cargo capacity [m³]		9.0	10.5
Max. loading length [mm]		3265	3265
Kerb weight ¹⁾ [kg] with perm. GVW of	3.5 t	2015–2075	2045–2105/2255 ³⁾
Payload [kg] with perm. GVW of	3.5 t	1425–1485	1245 ³⁾ /1395–1455
Max. roof load [kg]		300	150
Towing capacity ²⁾ , braked/unbraked trailer [kg]		2000/750	2000/750
Turning circle [m]		13.6	13.6

Standard roof



High roof



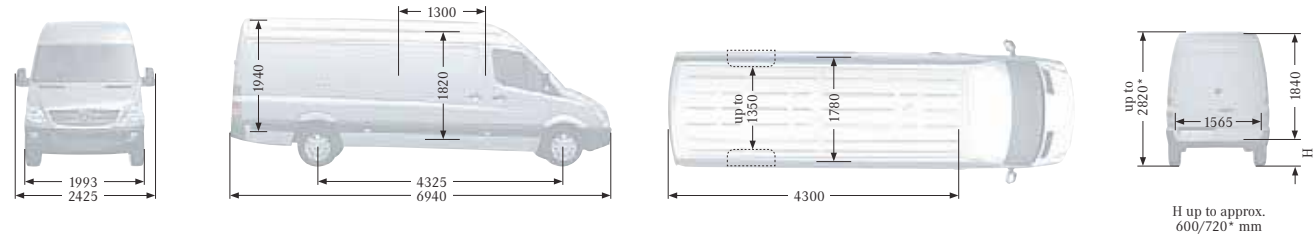
Long Sprinter Panel Van with 4325 mm wheelbase

		High roof	Super-high roof
Load area [m²]		7.1–7.4	7.1–7.4
Cargo capacity [m³]		14.0	15.5
Max. loading length [mm]		4300	4300
Kerb weight ¹⁾ [kg] with perm. GVW of	5.0 t	2490–2530	2520–2560
Payload [kg] with perm. GVW of	5.0 t	2470–2510	2440–2480
Max. roof load [kg]		150	–
Towing capacity ²⁾ , braked/unbraked trailer [kg]		2000/750	2000/750
Turning circle [m]		15.6	15.6

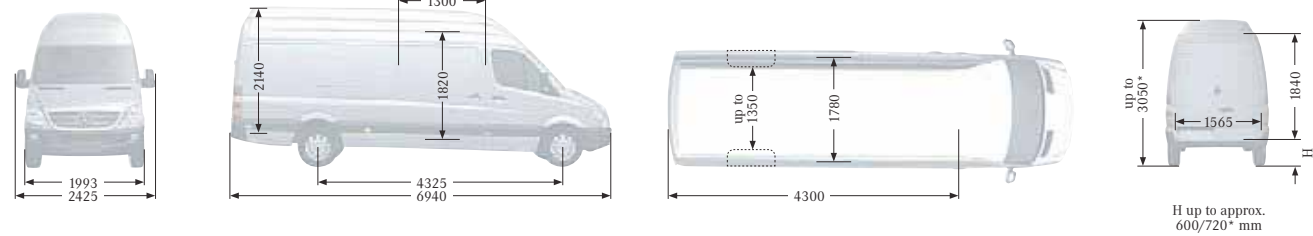
¹⁾ Figures according to correct version of Directive 92/21/EEC or 97/27/EC, whichever is applicable for the vehicle category in question at the time of going to print, (kerb weight incl. tools/ spare wheel and, if applicable, trailer coupling, if supplied by manufacturer, fuel tank 90 % full, driver and, if applicable, luggage) for standard-specification vehicles. Special equipment and accessories will generally increase this figure and reduce the payload capacity accordingly. Note: according to ISO-M06 1176, the kerb weight figures are reduced by up to 75 kg

²⁾ Maximum towing capacity 3500 kg (braked trailer) optionally available, depending on perm. GVW and powertrain version

High roof



Super-high roof



*Unladen
All figures in mm. All dimensions for standard-specification vehicle
All-wheel drive increases the height of the vehicle by up to 85 mm

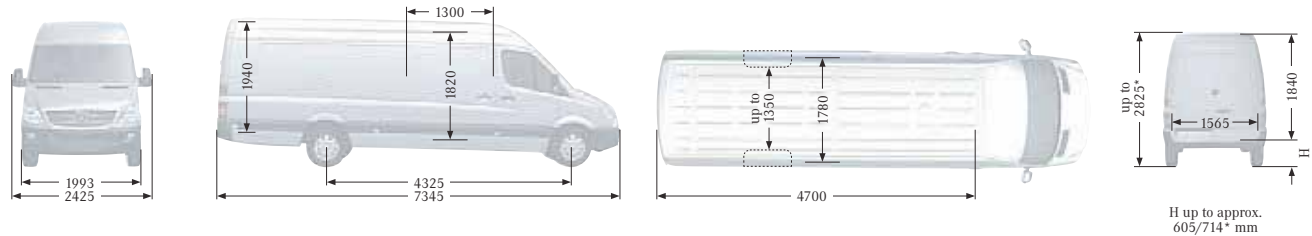
Extra-long Sprinter Panel Van with 4325 mm wheelbase and long overhang

		High roof	Super-high roof
Load area [m²]		7.8–8.1	7.8–8.1
Cargo capacity [m³]		15.5	17.0
Max. loading length [mm]		4700	4700
Kerb weight ¹⁾ [kg] with perm. GVW of	5.0 t	2535–2575	2565–2605
Payload [kg] with perm. GVW of	5.0 t	2425–2465	2395–2435
Max. roof load [kg]		150	–
Towing capacity ²⁾ , braked/unbraked trailer [kg]		2000/750	2000/750
Turning circle [m]		15.6	15.6

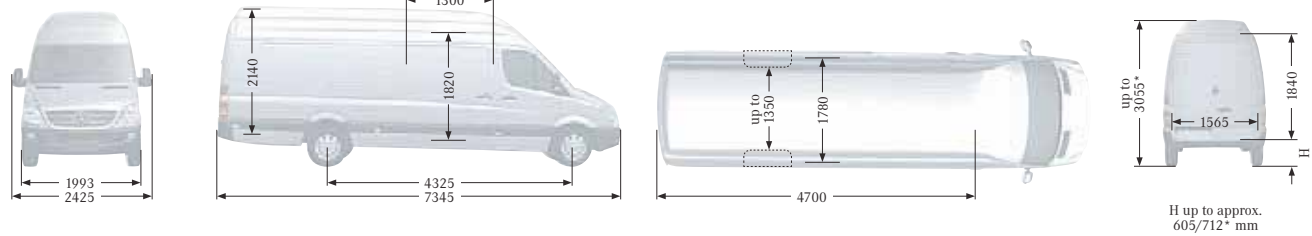
¹⁾ Figures according to correct version of Directive 92/21/EEC or 97/27/EC, whichever is applicable for the vehicle category in question at the time of going to print, (kerb weight incl. tools/ spare wheel and, if applicable, trailer coupling, if supplied by manufacturer, fuel tank 90 % full, driver and, if applicable, luggage) for standard-specification vehicles. Special equipment and accessories will generally increase this figure and reduce the payload capacity accordingly. Note: according to ISO-M06 1176, the kerb weight figures are reduced by up to 75 kg

²⁾ Maximum towing capacity 3500 kg (braked trailer) optionally available, depending on perm. GVW and powertrain version

High roof



Super-high roof



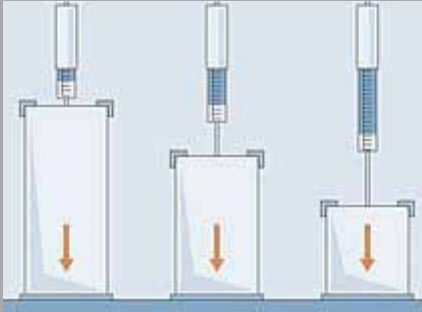
*Unladen
All figures in mm. All dimensions for standard-specification vehicle
All-wheel drive increases the height of the vehicle by up to 80 mm

Glossary



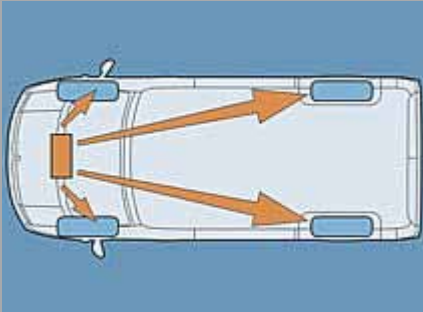
ADAPTIVE ESP® Electronic Stability Program

ADAPTIVE ESP® is an innovative dynamic handling control system, which for the first time also takes the vehicle load into account. It actively intervenes in certain hazardous driving situations, e.g. if there is an imminent risk of skidding, by applying a braking force to one or more wheels and adjusting the engine output as required so as to help the driver deal with the hazardous situation. As well as aiding directional stability, ADAPTIVE ESP® combines the functions of the anti-lock braking system (ABS), acceleration skid control (ASR), electronic brake force distribution (EBD), Brake Assist (BAS) and the Start-off Assist system (special equipment).



Caution:

ADAPTIVE ESP® can only act within the laws of physics. It is therefore impossible for ADAPTIVE ESP® to prevent skidding resulting from aquaplaning, for example. If the driver exceeds the physical limits, even ADAPTIVE ESP® will not be able to prevent an accident!



Electronic brake force distribution (EBD)

Electronic brake force distribution (EBD) proportions the braking force between the front and rear wheels as required, in order to optimise braking efficiency in all driving situations. In this way the system prevents “overbraking” of the rear wheels, which could cause the tail to start sliding. At the same time EBD puts less stress on the front brakes, which reduces the risk of fading due to overheating.

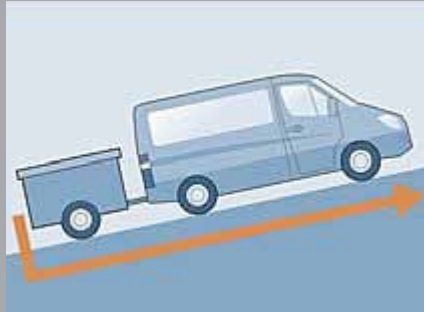


Front driver and co-driver airbags

A driver front airbag and a single or doublesized co-driver front airbag are additional components of the passive safety system. They provide enhanced protection for the belted front-seat occupants in a severe frontal collision and act together with the seat belts and belt-force limiters as a supplementary restraint system.

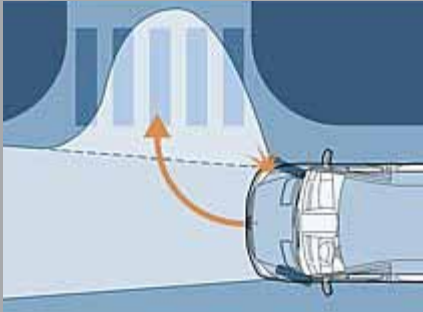
Caution:

Front airbags in no way diminish the need for occupants to fasten their seat belts correctly before every journey as an airbag can only operate fully effectively if the occupant is wearing the seat belt correctly.



Start-off Assist

In vehicles with manual transmission, Start-off Assist makes it easier to move off on uphill or downhill slopes. Once the brake pedal has been released, the brake pressure is maintained for approximately two seconds, thus allowing the driver to move his or her foot to the accelerator pedal without having to worry about the vehicle rolling backwards or forwards. The brake pressure is immediately reduced as soon as Start-off Assist detects that the driver wishes to move off.



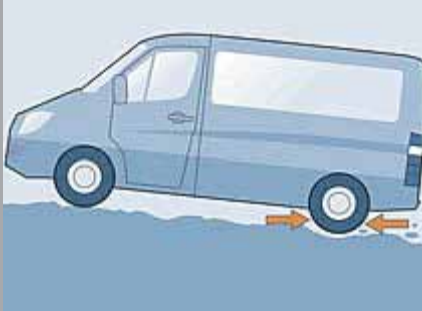
Bi-xenon headlamps with Add-Light System and cornering light function

Conventional headlamps fail to provide sufficient illumination of the area to the side immediately ahead of a vehicle. This is particularly true on tight bends, at junctions and when manoeuvring. In situations like these, the illumination from the low-beam headlamps is complemented by an additional light source, the Add-Light System with the cornering light function. The Add-Light System operates when cornering at speeds up to 70 km/h, while the cornering light function is activated when the turn signal indicator is operated at speeds up to 40 km/h. Activation of these systems is linked to the steering angle.



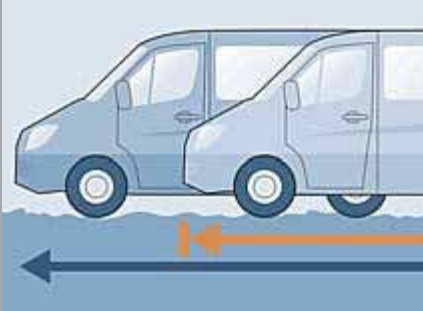
Anti-lock braking system (ABS)

The anti-lock braking system (ABS) prevents the wheels from locking during braking. Speed sensors continuously monitor the speed of each wheel. Before there is a risk of a wheel locking, the brake pressure is reduced. When the danger of locking has been averted, the pressure is increased again. ABS helps the driver to maintain steering control of the vehicle, even during emergency braking. The driver will feel a slight pulsating of the brake pedal when ABS is active.



Acceleration skid control (ASR)

At the first signs of wheel spin, that is to say if the rotational speed of one of the drive wheels suddenly increases, ASR intervenes in the engine management to reduce engine power and also in the braking system to prevent wheel spin. ASR ensures smooth start-off and acceleration, without wheel spin or sideways drift. The result is improved traction – and safety – particularly on split-friction or slippery surfaces.



Brake Assist (BAS)

In tests carried out in the driving simulator, our research engineers established that drivers do not apply the brakes vigorously enough during emergency braking. This finding led them to develop the Brake Assist system. From the speed at which the brake pedal is depressed, Brake Assist is able to detect a situation where emergency braking is required. In such a situation the system automatically increases braking power, aided by the anti-lock braking system (ABS) which prevents the wheels from locking up.



Load restraint

A number of dynamic forces are generated when a vehicle and load are in transit. These can lead to uncontrolled shifting, slipping, tipping or rolling of unsecured cargo – with the result that the risk of an accident is increased. With their standard load restraint features as well as numerous optional systems and a comprehensive range of



accessories, Mercedes-Benz vans help operators to secure loads expertly and professionally. Features offered by the Sprinter include standard-fit load-securing rings and a variety of optional bulkheads and lashing rails.



Above left and centre diagrams:

Load restraint is primarily achieved by placing loads against the front or rear bulkheads and the sides of the vehicles, and then filling any gaps. It is also possible to use aids such as braces, bars, partition nets or cargo barriers (direct load restraint)

Above right diagram:

Loads can be tied down to the floor using lashings. This increases friction between load and floor, preventing slippage (indirect load restraint)



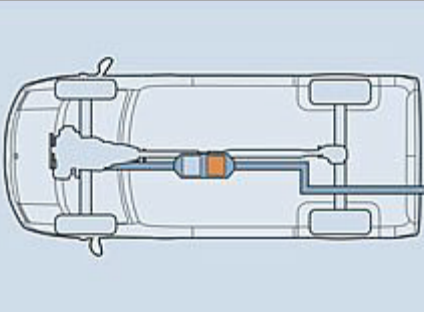
Glossary



PARKTRONIC
The PARKTRONIC parking aid assists the driver when parking and manoeuvring with little room to spare. The system, which operates on the echo sounder principle, automatically warns the driver if it detects that the vehicle is close to an obstacle in front of or behind the vehicle. The warning is provided initially in the form of a visual display in the centre of the instrument panel (when moving forward) and in the exterior mirror (when reversing). If the gap continues to decrease, an audible warning is also activated.



“Sound 50 APS” and COMAND APS navigation systems
Both systems integrate a variety of functions such as the radio, CD player, telephone with address book and navigation function into a single, compact unit with a clearly organised colour display. Both navigation functions can be operated from the multifunction steering wheel. The relevant information appears both in the system display and also in the central display unit in the instrument cluster, where it can be easily read by the driver.



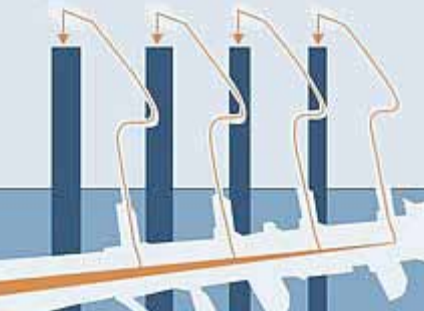
Diesel particulate filter
The new diesel particulate filter from Mercedes-Benz eliminates over 95 percent of particulate emissions. This brings the engines well below the EU4 limit and puts them on a par with petrol engines. A continuous regeneration process prevents the filter from becoming clogged and thus dispenses with the need for fuel additives.



Electrically operated sliding load compartment door
This comfort and convenience feature allows the sliding door on the right or left side of the load compartment to be opened and closed electrically at the touch of a button. Safety is the primary consideration: if the opening or closing action is interrupted between the two end points, the door stops wherever it is. Other features include an overload protection/obstruction sensor system and a childproof lock.



Electric closing aid
The electric closing aid assists the user when closing the sliding door on the right or left side of the load compartment. This feature, which comes into operation shortly before the door reaches its end position, is particularly helpful when the van is parked on an uphill slope and greater force is required to close the sliding door. The electric closing aid is already integrated in the scope of the electrically operated sliding load compartment door feature which is available as special equipment.



CDI diesel engines (EURO 4/EU4)
The Sprinter range features diesel engines with the latest generation of CDI technology. All critical exhaust emissions comply with the EURO4 limits (for vehicles registered as trucks) or the EU4/III limits (for vehicles registered as passenger cars). Aftertreatment of exhaust gases is handled by oxidation catalytic converters and diesel particulate filters.

Upholstery and paintwork

The high-quality fabric and/or leatherette upholstery lines for the Sprinter are designed for heavy-duty use. They are easy to care for, hard-wearing and underline the visual elegance of the interior.



“Lima” fabric upholstery, black
This hard-wearing, dirt-resistant and flame-retardant upholstery is fitted as standard in the Sprinter Panel Van



“Lima” fabric/leatherette
Grey upholstery, optionally available for the Sprinter Panel Van



Leatherette upholstery
This optional black leatherette upholstery is particularly easy to care for



arctic white



calcite yellow



hibiscus red



jasper blue metallic*



velvet red



aqua green



steel blue



vanda blue



brilliant silver metallic*

The standard and metallic* paint finishes shown here represent just a few of the possibilities available for your Sprinter. More than 100 other optional colours are available for special paint finishes. Custom paintwork, e.g. in your company colours, is also available as an option.

*Metallic paint finishes are available optionally

Dealer

Please note: Changes may have been made to the product since the brochure went to press (01.01.2012). The manufacturer reserves the right to make changes to the design, form, colour and specification of any Mercedes-Benz vehicle during the lifecycle period, provided these changes, while taking into account the interests of the vendor, are communicated to the purchaser. The illustrations may show accessories and items of optional equipment which are not part of standard South African specification. Colours may differ slightly from those shown in the brochure, owing to the limitations of the electronic and printing process.

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