



The Vario



Mercedes-Benz

The Vario.

Master of all trades

| | | | |
|----------------------------|-----------|-----------------------------------|-----------|
| The Vario | 4 | Equipment and appointments | 20 |
| Panel van | 8 | Industry expertise | |
| Dropside | 10 | and optional equipment | 20 |
| Tipper | 12 | Seat covers | 22 |
| | | Paintwork | 23 |
| Interior | 14 | Technical data | 24 |
| Comfort and functionality | 14 | Engine data and model range | 24 |
| | | Weights and dimensions | 26 |
| Technology | 16 | Glossary | 38 |
| Engines and chassis | 16 | Services | 40 |
| Safety and all-wheel drive | 18 | | |

The Vario can be used as a basis for a diverse range of bodies. (Some of the illustrations show bodies which are not directly available ex factory)





816

Mercedes-Benz



Presenting the ideal business model

Based on an adaptable range of combinations and special-purpose body variants, the Vario model series offers tailor-made yet cost-effective vans for your transportation needs. Ideal, whether you're transporting packaged or bulk goods, urgent deliveries or sensitive items, tools or a whole team of workers. Whichever variant you decide on, there are certain core attributes that all of our Vario models share - the legendary quality, reliability and longevity that characterise a Mercedes-Benz van.



Game for anything: a truck among vans

Take the advantages of a van, combine them with the strengths of a light-duty truck and apply a modular principle. It is thanks to this recipe for success that the Vario occupies a special place in the van segment. To ensure that it maintains this position, we have built in a little future-proofing – with modified engines and, above all, with BlueTEC – the SCR diesel technology from Mercedes-Benz, thanks to which your Vario is able to comply with the Euro V emissions standard.

As a result of the wide and extremely practical product range, as well as the very extensive scope it offers for individualisation and the use of special-purpose bodies, you can find the right Vario for just about any commercial application. In fact, the Vario that fails to fit the bill has yet to be invented.

- ▶ Over 60 variants ex factory & approx. 500 items of optional equipment
 - ▶ Cost-effective compliance with Euro V thanks to trendsetting BlueTEC SCR diesel technology
 - ▶ Variety of bodies, e.g. panel van, dropside or tipper
 - ▶ 2 different roof heights
 - ▶ Standard cab or crewcab
 - ▶ Comfortable workplace, easy handling and tremendous ease of loading
 - ▶ 4 wheelbases from 3150 mm to 4800 mm
 - ▶ 2 weight variants: 5.99 t and 7.49 t perm. GVW with further up- & downrated variants
 - ▶ Strong, robust, ladder-type frame, as used in trucks, combined with typical van qualities such as low frame height and (optional) through-access from cab to load compartment
- ▶ Vario chassis as ideal foundation for body/equipment solutions
 - ▶ Enhanced OM 904 LA BlueTEC 4-cylinder diesel engine in three different power ratings with high peak torque and output up to 130 kW
 - ▶ 6-speed manual transmission for all models, 5-speed automatic transmission as an option (not for tipper or all-wheel drive)
 - ▶ Vario 813 DA, 816 DA and 818 DA available with permanent all-wheel drive



The panel van.

Space in abundance

Load capacities similar to those of a light-duty truck combined with the handling qualities of a van: in terms of both payload and capacity, the Vario panel van is a giant among vans, and the ideal partner in regional haulage, in industry and commerce, in the removals business or in the public sector.

Various load compartment sizes and vehicle features are available for different tasks and to meet customers' specific requirements. The Vario impresses in particular with its proven solutions, every detail of which is well thought-out.

For example, the almost vertical side walls and optionally available flattened wheel arches ensure optimum use of space – when stacking or when adding interior fittings. And the Vario panel van is also ideal for accommodating Europallets.

- ▶ 3 wheelbase variants
- ▶ Standard and high-roof versions with 1785-mm or 1930-mm headroom
- ▶ Cargo volume of 10.4 m³ to 17.4 m³
- ▶ Payload of up to around 3.9 t
- ▶ Different bulkhead options plus different combinations of rear doors and sliding side doors

- ▶ Convenient loading and unloading of Europallets using forklift
- ▶ Rear doors with opening angles of 180° and 270°
- ▶ Sliding door on right of load compartment, or both sides as an option
- ▶ Steps at all doors, making loading and unloading easier
- ▶ Option of passenger compartment, providing space for up to 7 people in total
- ▶ All-wheel-drive version also available (3700- and 4250-mm wheelbase)
- ▶ Practically vertical side walls, optional flattened wheel housings





The dropside.

A reliable partner

With its proven ability to take the toughest jobs in its stride, the Vario dropside is ideally suited (within the limits set by the maximum payload capacity) for applications which require heavy loads to be carried: in the construction industry, in the building materials trade, in the haulage sector or for the transport of parcelled goods. It is available with a standard cab or crewcab. The aluminium dropside bodies which are available in various sizes are strongly built and equipped with heavy-duty latches – in fact, everything is well thought-out and exactly where it should be. This is a vehicle developed from practical experience for practical use.

- ▶ 4 wheelbase variants
- ▶ Load area of 6.92 m² to 14.79 m²
- ▶ Payload of approx. 2.5 t to around 4.2 t, depending on model and weight category
- ▶ Crewcab with space for up to 7 people
- ▶ Aluminium platform with hard-wearing, non-slip plywood floor with textured surface
- ▶ All three sides of the aluminium platform can be dropped down completely for easy loading and unloading
- ▶ Non-slip, folding step as standard
- ▶ Securing rings as easy and safe means of restraining load
- ▶ Extra-wide dropside body with aluminium sides as an option
- ▶ Tarpaulin hoops available as an option
- ▶ Pre-installation for loading tailgate as an option
- ▶ All-wheel-drive version also available (3700- and 4250-mm wheelbase)

Factory-fitted dropside not available in the UK. Local alternatives are available. Please contact your Mercedes-Benz Van dealer for details







The tipper.

A versatile all-rounder

When the load is heavy and the roads are narrow, the Vario tipper comes into its own. With power steering and a turning circle approaching that of a car, it is as impressive on cramped building sites as it is in the horticulture and landscaping sectors. The extremely practical combination of high payload and easy handling is also available with a crewcab as an option.

Factory-fitted with the three-way tipper from Meiller, the vehicle can be loaded with up to around 3.8 tonnes and unloaded from the right, left or rear. And if you often have to negotiate rough terrain, you will appreciate the versions with permanent all-wheel drive and standard-fitted inter-axle and rear differential locks.

- ▶ 2 wheelbase variants
- ▶ Payload of up to around 3.8 t thanks to reinforced tipper body and reinforced frame
- ▶ Available with optional crewcab, which seats up to 7, instead of standard cab
- ▶ Vario 813 DA/816 DA/818 DA all-wheel-drive tippers designed for use in rough terrain (3700-mm wheelbase)

Factory-fitted dropside not available in the UK. Local alternatives are available. Please contact your Mercedes-Benz Van dealer for details



The ideal workplace

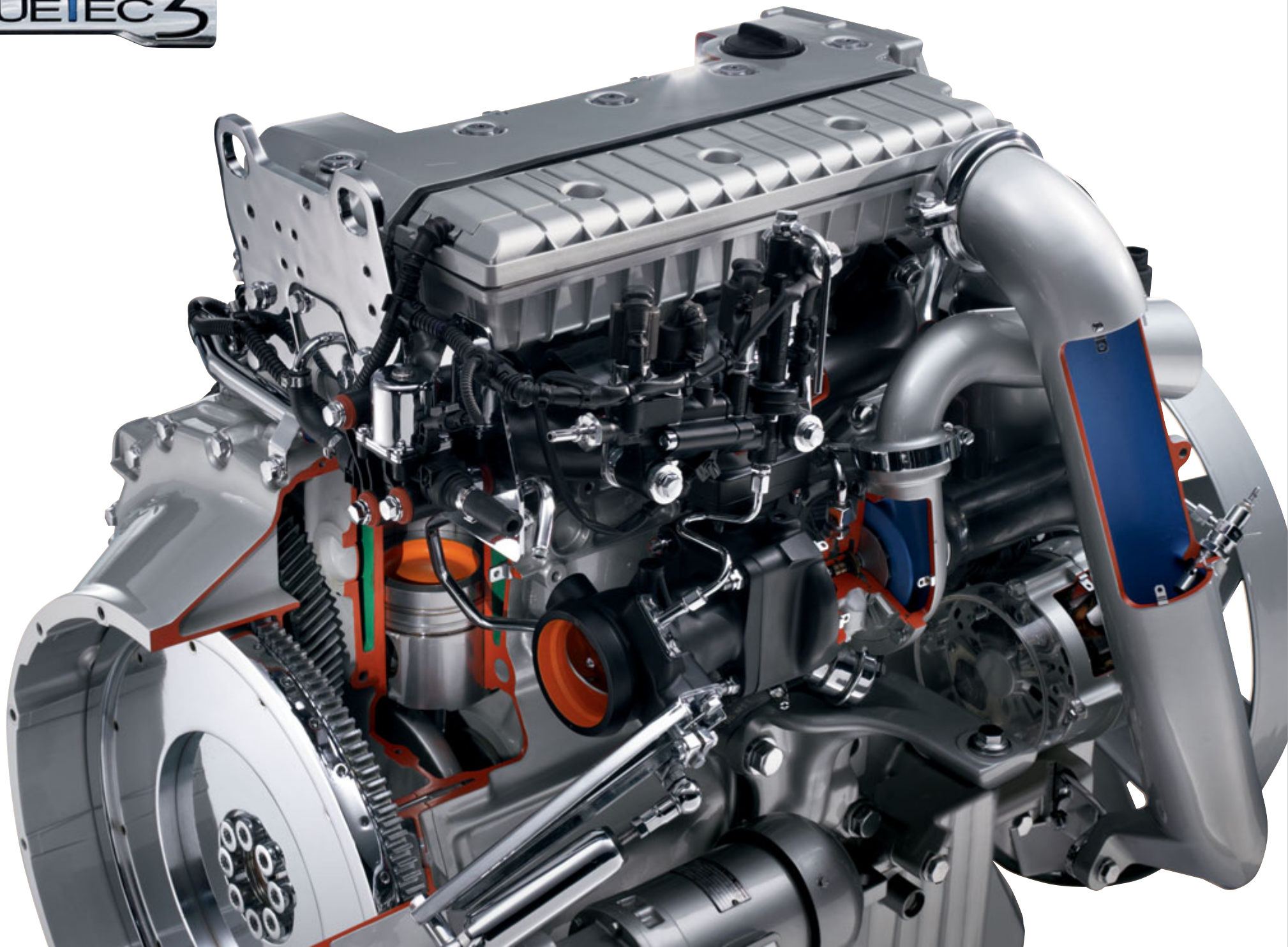
The timeless design of the Vario continues inside the cab which impresses with its clear layout, practicality and strong, durable materials. Offering spacious accommodation for up to 7 occupants, it is free of superfluous gimmicks and dispenses with everything that might divert attention from the principal task in hand: driving. In designing the cab, we have concentrated on practical measures to reduce driver stress and make the journey relaxing and comfortable for the other occupants. Because even if the job you're travelling to is stressful, we don't see why the process of getting there shouldn't be as pleasant as possible.

- ▶ Comfortable seats, designed to be kind to the back, providing excellent support for all occupants
- ▶ Driver's seat can be adjusted in a number of ways to provide a comfortable position that promotes focus on driving: the height, tilt, distance from the steering wheel and position of the backrest can be adjusted individually
- ▶ Clear cockpit layout, non-reflective instruments which can be read clearly by day or by night
- ▶ Optimised soundproofing reduces noise from engine and outside
- ▶ High-performance heating and ventilation system for a pleasant working climate
- ▶ Power steering as standard
- ▶ Large exterior mirrors
- ▶ Large windscreen for excellent visibility
- ▶ Air conditioning system as an option for enhanced comfort
- ▶ Auxiliary heater with timer as an option





BLUETEC 5



Cutting-edge technology for improved output – and a better future

With its high-torque diesel engine, which is available in three power ratings, and with the appropriate transmissions for different applications, the Vario is able to meet all the demands placed on a contemporary large-capacity van. And thanks to BlueTEC, you will also be well placed to face the future with the Vario: this economically attractive SCR diesel technology from Mercedes-Benz ensures that the Vario complies with the Euro V standard. This contributes to the vehicle's cost-effectiveness just as much as its proverbial reliability and durability do.

- ▶ Reliable 4-cylinder diesel engine with direct injection, exhaust gas turbocharger, intercooler and high peak torque, available in three power ratings
- ▶ Trendsetting BlueTEC SCR diesel technology for cost-effective compliance with the Euro V emissions limits
- ▶ Advanced 6-speed manual transmission for all engine versions, 5-speed automatic transmission as an option¹
- ▶ Robust ladder-type frame and stronger chassis
- ▶ Robust rigid axles front and rear
- ▶ Various different final-drive ratios for a variety of applications, as an option with differential lock
- ▶ For optimum ride comfort: maintenance-free parabolic springs front and rear
- ▶ Various versions of air suspension¹ for 613 D to 818 D models, also with level control if required

¹ Not for tipper or all-wheel-drive models



Take the rough with the smooth

Whatever you're carrying, the rear-wheel drive of the Vario puts the torque of the diesel engine down on the road with absolute assurance. If you often have to contend with difficult operating conditions or sometimes have to venture off surfaced roads – for landscape gardening work or on trips to construction sites, for example – we recommend the permanent all-wheel-drive version of the Vario. The engageable off-road ratio provides greater traction on rough ground and is therefore ideal on loose, icy or snow-covered surfaces. Even greater traction can be provided by locking the rear-axle differential. Along with the proven safety equipment of the Vario, these functions ensure that you can make progress safely – road or no road.

- ▶ Permanent all-wheel drive with standard-fitted inter-axle and rear differential locks
- ▶ Driver's airbag¹ in conjunction with belt tensioners as an option
- ▶ Anti-lock braking system ABS part of standard specification
- ▶ Powerful dual-circuit compressed air/hydraulic braking system with automatic brake adjustment; compressed-air trailer connection possible as an option
- ▶ Automatic, load-dependent brake pressure control (ALB) at rear axle
- ▶ Internally ventilated disc brakes front and rear
- ▶ Wear-free permanent brake provided by retarder² for 4x2 vehicles as an option
- ▶ Engine brake standard for 7.49-t perm. GVW, available as optional equipment for 5.99 t; constantly-open throttle valve possible as an option
- ▶ Standard-specification front fog lamps
- ▶ Electronic immobiliser as an option
- ▶ Cruise control as an option

¹ Airbag not available in conjunction with all-wheel drive

² Not for 3150-/3700-mm wheelbase, tipper or special versions (see also page 21)

Build your own Vario

In addition to the extensive range of standard equipment, a choice of some 500 items of optional equipment is available for you to equip your Vario in line with your own personal requirements and the particular use to which you intend to put the vehicle. A few of the principal items are shown here. Please ask your Mercedes-Benz dealer for details of the extensive range of accessories. We also offer professional support in connection with tailor-made vehicle concepts. Whether you require vehicles for the building industry or the trades, recovery or municipal vehicles, you can count on our expertise in the field of sector-specific solutions. Your Mercedes-Benz dealer will be pleased to help you find the right bodybuilder¹ for your particular vehicle requirements.

The bodybuilders are responsible for ensuring that the finished vehicle is roadworthy and safe to operate and that the body fitted is compatible with the Vario chassis on which it is mounted. The body/equipment solutions described above are examples and are not available in all countries. The bodybuilder has sole liability for material defects in body/equipment solutions which are not offered as complete ex-factory products. This also applies to the body/equipment solutions shown on page 3.

¹ The vehicles and chassis mentioned here and illustrated on page 3 are examples of body and conversion solutions. Some of them are available ex factory or only directly from the bodybuilder. The body and conversion solutions available vary from country to country

○ **Lockable glove compartment.** Provides secure storage for personal items and shipping documents



○ **CD/radio.** Radio with 4 wavebands (VHF, MW, LW, SW) and CD player compatible with CD, MP3 and WMA formats. Line-in socket on front of unit and Aux-in socket on rear allow external devices to be connected to the unit



○ **Roof hatch.** Various roof-hatch variants in sheet steel or glass offer additional scope for ventilating the passenger compartment and/or load compartment



○ **Trailer tow hitch.** A ball-type trailer tow hitch and various pin-type trailer tow hitches are available as factory-fitted optional equipment for the Vario



○ **Power windows.** Power windows for the driver's and passenger's door enhance comfort and convenience



● **Digital tachograph.** Data about vehicle actions and use are stored digitally by the standard-fit tachograph

○ **Digital tachograph with engine-speed and additional recorder.** This optional tachograph has extended functionality. It can be used to record parameters such as the engine speed, the operating time of power take-offs or the periods of use of a rotating beacon/siren

○ Optional equipment ● Standard equipment

Equipment options at a glance

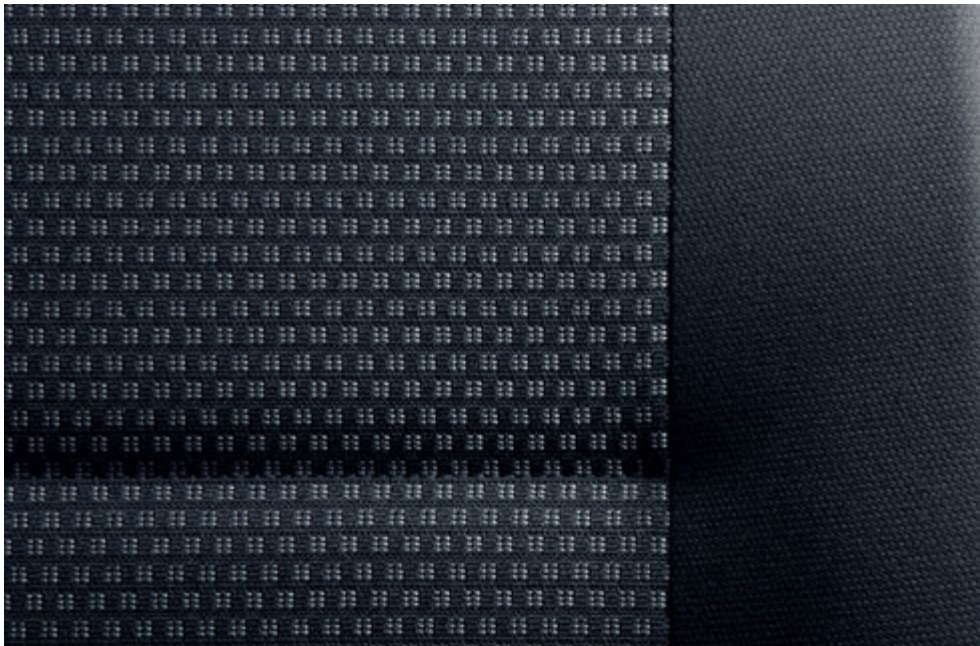
| | Panel van | Chassis with cab | Chassis with crewcab |
|---|-----------|------------------|----------------------|
| Air conditioning system (for standard cab only) | ○ | ○ | - |
| Air suspension for front and/or rear axle (dependent on wheelbase) | ○ | ○ | ○ |
| Automatic transmission for 4x2 models (not for tipper) | ○ | ○ | ○ |
| Auxiliary heat exchanger in crewcab | - | - | ○ |
| Auxiliary heat exchanger in load compartment | ○ | - | - |
| Bulkhead – various types (full-width with 2 windows; half-width, behind driver's seat; half-height, reinforced) | ○ | - | - |
| Compressed-air connection for trailer | ○ | ○ | ○ |
| Cruise control | ○ | ○ | ○ |
| Differential lock (rear axle) | ○ | ○ | ○ |
| Driver's airbag (not available in conjunction with all-wheel drive) | ○ | ○ | ○ |
| Electrically-operated exterior mirrors | ○ | ○ | ○ |
| Final-drive ratios on rear axle (various) | ○ | ○ | ○ |
| Hot-water auxiliary heater | ○ | ○ | ○ |
| Hydraulic driver seat | ○ | ○ | ○ |
| Hydraulic passenger seat | ○ | ○ | ○ |
| Load-securing ring (standard for drop-side body and tipper) | ○ | - | - |

| | Panel van | Chassis with cab | Chassis with crewcab |
|--|-----------|------------------|----------------------|
| Passenger compartment (crewcab) | - | - | ○ |
| Power take-off (various) | ○ | ○ | ○ |
| Pre-installation for mobile phone (adaptable hands-free system) | ○ | ○ | ○ |
| Retarder (for 4x2 models from 4250-mm wheelbase, not for tipper or special versions) | ○ | ○ | ○ |
| Roof hatch in cab (steel or glass) | ○ | ○ | ○ |
| Roof hatch in load compartment (steel or glass) | ○ | - | - |
| Rotating beacon lamps | ○ | ○ | ○ |
| Single passenger seat | ○ | ○ | ○ |
| Sliding door for load compartment, left, with or without window | ○ | - | - |
| Sliding door for load compartment, right, with window | ○ | - | - |
| Sliding side door for driver and/or passenger | ○ | - | ○ |
| Sound 30 APS navigation system with Auto Pilot System and 2 speakers | ○ | ○ | ○ |
| Step at rear door (wide) | ○ | - | - |
| Trailer tow hitch (ball-type or pin-type) | ○ | ○ | ○ |
| Writing surface for passenger | ○ | ○ | ○ |

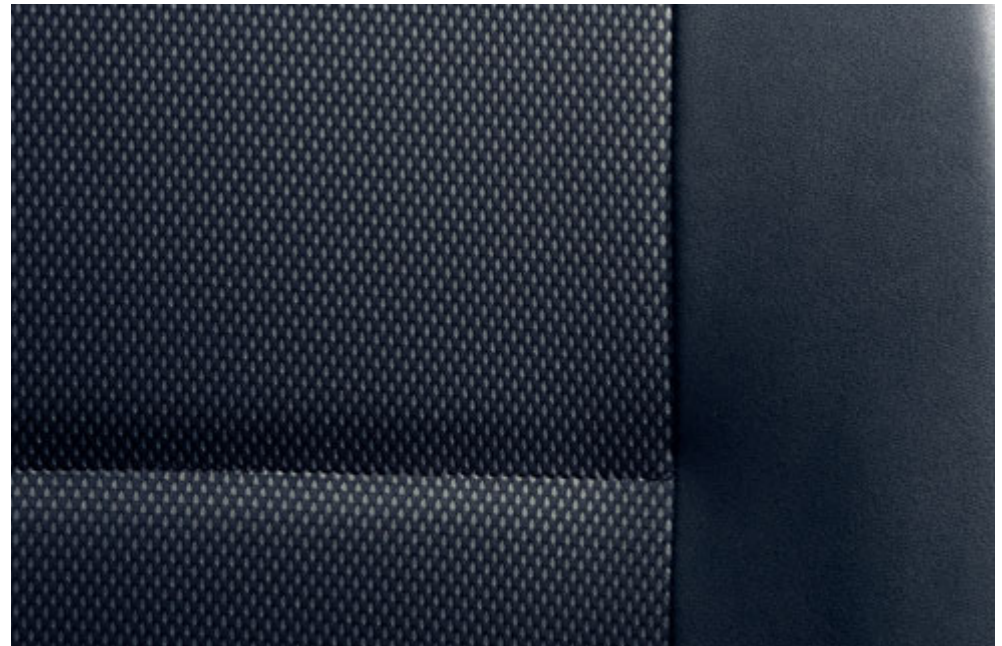
○ Optional equipment - Not available

Seat covers

The high-quality fabric and/or man-made-leather seat covers for the Vario are designed for heavy-duty use. They are easy to care for, hard-wearing and underline the quality of the interior.



Brasao black fabric upholstery. This hard-wearing, dirt-repellent, flame-retardant fabric is the standard upholstery



Artificial-leather upholstery. Easy to care for, this black man-made-leather upholstery is available as an option

Paintwork



arctic white



calcite yellow



ravenna yellow



piedmont red



hyacinth blue



turquoise blue



orchid green



brilliant silver metallic¹



ruby metallic¹



nautical blue metallic¹



pearl blue metallic¹



tourmaline green metallic¹

The standard and metallic¹ paint finishes shown here represent just a few of the possibilities available for your Vario.

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.

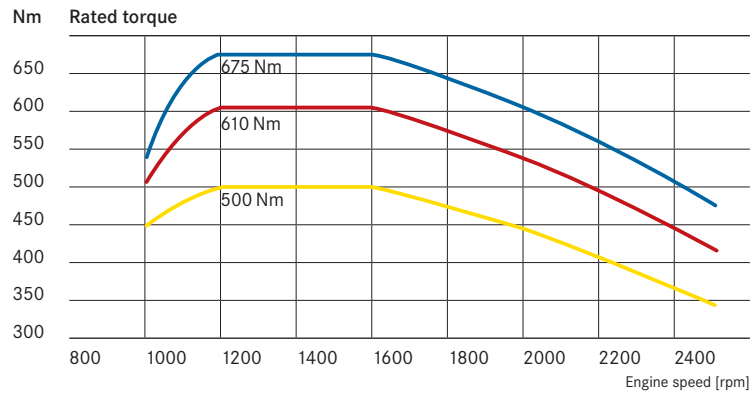
¹ Metallic paintwork is available as an option




Engine data and model range

| Engine | Diesel engine: OM 904 LA BlueTEC, Euro V | | | | | | | | |
|---|--|-------|-----------------|-----------------------|-------|-----------------|-----------------------|-------|-----------------|
| Model | 613 D | 813 D | 813 DA (4x4) | 616 D | 816 D | 816 DA (4x4) | 618 D | 818 D | 818 DA (4x4) |
| Drive system | Rear-wheel drive | | All-wheel drive | Rear-wheel drive | | All-wheel drive | Rear-wheel drive | | All-wheel drive |
| No. of cylinders | 4 | | | 4 | | | 4 | | |
| Arrangement | in-line | | | in-line | | | in-line | | |
| No. of valves per cylinder | 3 | | | 3 | | | 3 | | |
| Displacement [cc] | 4249 | | | 4249 | | | 4249 | | |
| Rated output [kW (hp)] at engine speed [rpm] | 95 (129) 2200 | | | 115 (156) 2200 | | | 130 (177) 2200 | | |
| Rated torque [Nm] at engine speed [rpm] | 500 1200 – 1600 | | | 610 1200 – 1600 | | | 675 1200 – 1600 | | |
| Fuel type | Diesel | | | Diesel | | | Diesel | | |
| Tank capacity [l] | 90 | | | 90 | | | 90 | | |
| Mixture preparation | Direct injection | | | Direct injection | | | Direct injection | | |
| Battery [V/Ah] | 24 V (2 x 12 V)/74 Ah | | | 24 V (2 x 12 V)/74 Ah | | | 24 V (2 x 12 V)/74 Ah | | |
| Alternator [V/A] | 28 V/80 A | | | 28 V/80 A | | | 28 V/80 A | | |
| Perm. GVW [kg] | 5990 | 7490 | 7490 | 5990 | 7490 | 7490 | 5990 | 7490 | 7490 |

All figures apply to Euro V engines




Torque curves (Euro V engines):



| | | |
|---|--------------------------|-----------------|
|  | OM 904 LA BlueTEC engine | 95 kW (129 hp) |
|  | OM 904 LA BlueTEC engine | 115 kW (156 hp) |
|  | OM 904 LA BlueTEC engine | 130 kW (177 hp) |



The Vario panel vans at a glance

| | with 3150-mm wheelbase | | with 3700-mm wheelbase | | with 4250-mm wheelbase |
|--|---|--|---|---|---|
| |  |  |  |  |  |
| | Standard roof | High roof | Standard roof | High roof | High roof |
| Cargo area [m ²] | 5.6 | 5.6 | 7.3 | 7.3 | 8.9 |
| Cargo volume [m ³] | 10.4 | 11.2 | 13.3 | 14.3 | 17.4 |
| Max. loading length [mm] | 3200 | 3170 | 4050 | 4050 | 4930 |
| Kerb weight ¹ [kg] | 5990 | 3450 | 3490 | 3610 | 3650 |
| at perm. GVW | 7490 (4x2/4x4) | 3595/- | 3635/- | 3790/4145 | 3830/4185 |
| Payload [kg] with GVW of | 5990 | 2540 | 2500 | 2380 | 2340 |
| | 7490 (4x2/4x4) | 3895/- | 3855/- | 3700/3345 | 3660/3305 |
| Perm. GVW [kg] | 5990/7490 | 5990/7490 | 5990/7490 | 5990/7490 | 5990/7490 |
| Towing capacity [kg] | Braked | 3500 ² /3500-7500 ³ | 3500 ² /3500-7500 ³ | 3500 ² /3500-7500 ³ | 3500 ² /3500-7500 ³ |
| | Unbraked | 750 | 750 | 750 | 750 |
| Perm. gross combination weight ⁴ [kg] | 10,200 ⁵ /13,000 ⁶ /15,000 ⁷ | 10,200 ⁵ /13,000 ⁶ /15,000 ⁷ | 10,200 ⁵ /13,000 ⁶ /15,000 ⁷ | 10,200 ⁵ /13,000 ⁶ /15,000 ⁷ | 10,200 ⁵ /13,000 ⁶ /15,000 ⁷ |
| Max. roof load [kg] | 300 | 150 | 300 | 150 | 150 |
| Turning circle Ø [m] (4x2/4x4) | 11.8/- | 11.8/- | 13.4/14.7 | 13.4/14.7 | 15.0/16.5 |

¹ Figures according to Directive 97/27/EC in the currently applicable version at the time of going to press (kerb weight incl. tools/spare wheel and trailer tow hitch, if supplied by manufacturer, with fuel tank 90% full, driver 75 kg) for standard-specification vehicles.

Optional 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 With ball-type trailer tow hitch (not for 4x4)

³ With pin-type trailer tow hitch, depends on braking system/type of trailer/perm. gross combination weight

⁴ With standard transmission

⁵ For 618 D/818 D/818 DA

⁶ For 613 D/616 D/813 DA/816 DA

⁷ For 813 D/816 D

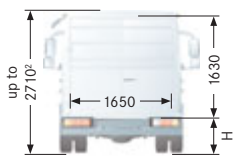
Key: 4x2 = rear-wheel drive, 4x4 = all-wheel drive

Factory-fitted dropside bodywork is not available in the UK. Local alternatives are available. Please contact your Mercedes-Benz Van dealer for details

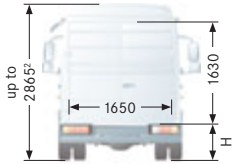
Panel van with 3150-mm wheelbase
 Standard roof High roof

Panel van with 3700-mm wheelbase
 Standard roof High roof

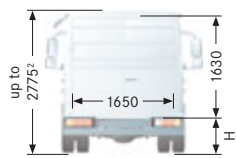
Panel van with 4250-mm wheelbase
 High roof



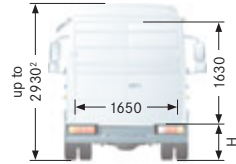
H up to 870²



H up to 870²



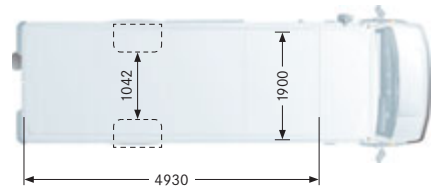
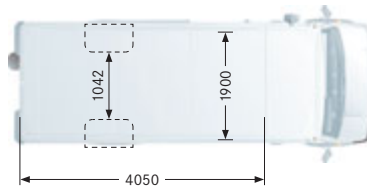
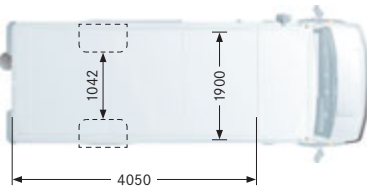
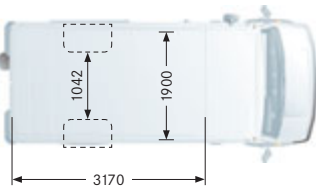
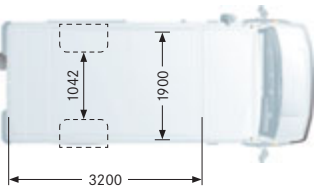
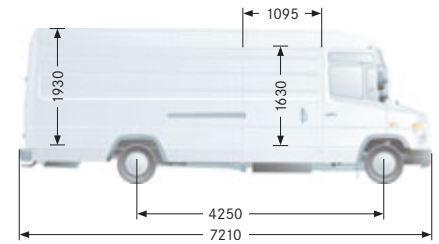
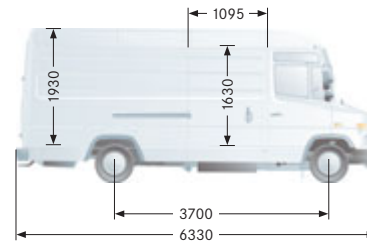
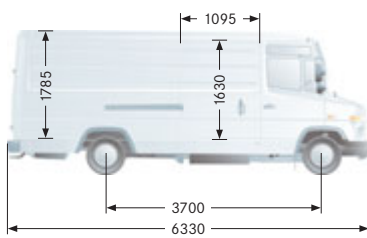
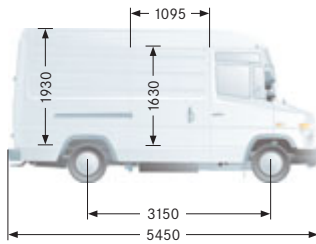
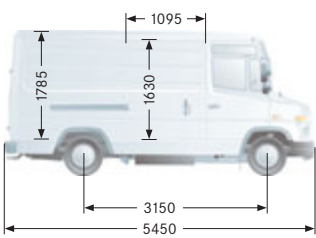
H up to 935²



H up to 935²



H up to 930²



¹ Depending on model and perm. GVW


² Unladen







All dimensions in mm

The vehicle and loading-height data also apply to the all-wheel-drive versions



The Vario dropside at a glance

| with 3150-mm wheelbase | | |
|---|---|---|
|  | | |
| Standard cab | | |
| Cargo area [m ²] | 6.92 | |
| Cargo volume [m ³] | 2.70 | |
| Max. loading length [mm] | 3060 | |
| Kerb weight ¹ [kg] | 5990 | 3115 |
| at perm. GVW | 7490 (4x2/4x4) | 3290/- |
| Payload [kg] with GVW of | 5990 | 2875 |
| | 7490 (4x2/4x4) | 4200/- |
| Perm. GVW [kg] | 5990/7490 | |
| Towing capacity [kg] | Braked | 3500 ² /3500-7500 ³ |
| | Unbraked | 750 |
| Perm. gross combination weight ⁴ [kg] | 10,200 ⁵ /13,000 ⁶ /15,000 ⁷ | |
| Turning circle Ø [m] (4x2/4x4) | 11.8/- | |

| with 3700-mm wheelbase | | with 4250-mm wheelbase | | with 4800-mm wheelbase | |
|---|---|--|---|---|---|
|  |  |  |  |  |  |
| Standard cab | Crewcab | Standard cab | Crewcab | Standard cab | Crewcab |
| 9.91 | 7.47 | 12.35 | 9.91 | 14.79 | 12.35 |
| 3.86 | 2.91 | 4.82 | 3.86 | 5.77 | 4.82 |
| 4060 | 3060 | 5060 | 4060 | 6060 | 5060 |
| 3235 | 3335 | 3355 | 3440 | - | - |
| 3415/3745 | 3515/3875 | 3545/- | 3630/- | 3670/- | 3760/- |
| 2755 | 2655 | 2635 | 2550 | - | - |
| 4075/3745 | 3975/3615 | 3945/- | 3860/- | 3820/- | 3730/- |
| 5990/7490 | 5990/7490 | 5990/7490 | 5990/7490 | 7490 | 7490 |
| 3500 ² /3500-7500 ³ | 3500 ² /3500-7500 ³ | 3500 ² /3500-7500 ³ | 3500 ² /3500-7500 ³ | 3500 ² /3500-7500 ³ | 3500 ² /3500-7500 ³ |
| 750 | 750 | 750 | 750 | 750 | 750 |
| 10,200 ⁵ /13,000 ⁶ /15,000 ⁷ | 10,200 ⁵ /13,000 ⁶ /15,000 ⁷ | 10,200 ⁵ /13,000 ⁶ /15,000 ⁷ | 10,200 ⁵ /13,000 ⁶ /15,000 ⁷ | 10,200 ⁵ /15,000 ⁷ | 10,200 ⁵ /15,000 ⁷ |
| 13.4/14.7 | 13.4/14.7 | 15.0/- | 15.0/- | 16.0/- | 16.0/- |

¹ Figures according to Directive 97/27/EC in the currently applicable version at the time of going to press (kerb weight incl. tools/spare wheel and trailer tow hitch, if supplied by manufacturer, with fuel tank 90% full, driver 75 kg) for standard-specification vehicles.

Optional 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 With ball-type trailer tow hitch (not for 4x4)

³ With pin-type trailer tow hitch, depends on braking system/type of trailer/perm. gross combination weight

⁴ With standard transmission

⁵ For 618 D/818 D/818 DA

⁶ For 613 D/616 D/813 DA/816 DA

⁷ For 813 D/816 D

Key: 4x2 = rear-wheel drive, 4x4 = all-wheel drive

Factory fitted dropside bodywork is not available in the UK. Local alternatives are available. Please contact your Mercedes-Benz Van dealer for details

Dropside with 3150-mm wheelbase
Standard cab

Dropside with 3700-mm wheelbase
Standard cab

Crewcab

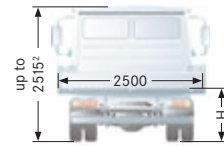
Dropside with 4250-mm wheelbase
Standard cab



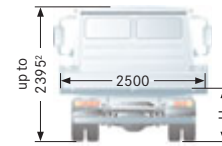
H up to 1115²



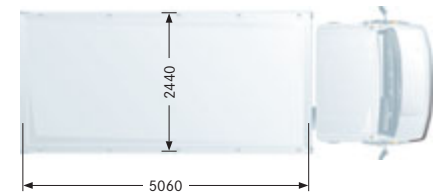
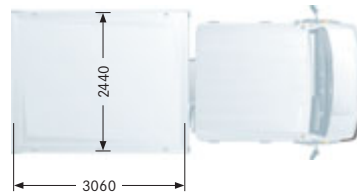
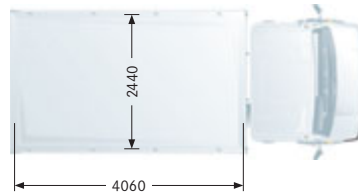
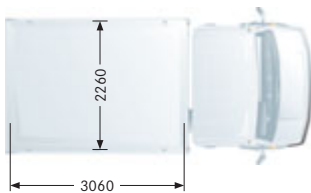
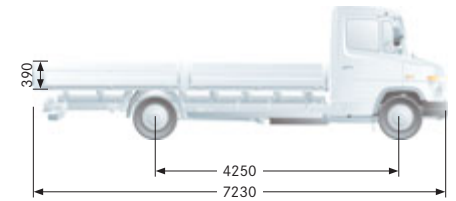
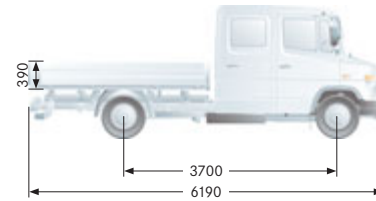
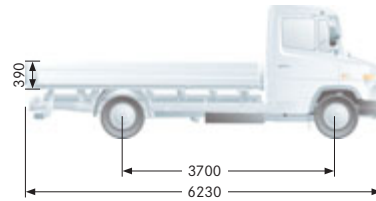
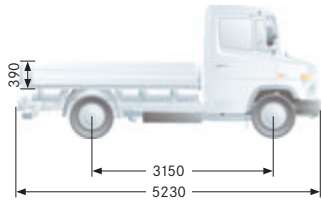
H up to 1230²



H up to 1230²



H up to 1115²



¹ Depending on model and perm. GVW

All dimensions in mm

² Unladen

The vehicle and loading-height data also apply to the all-wheel-drive versions

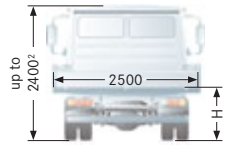
Crewcab



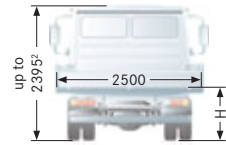
Dropside with 4800-mm wheelbase
Standard cab



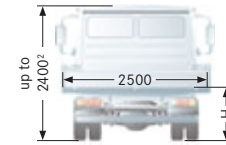
Crewcab



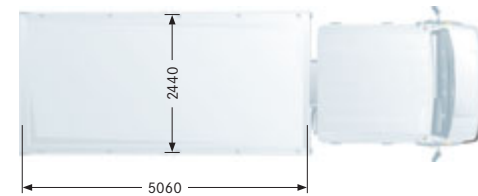
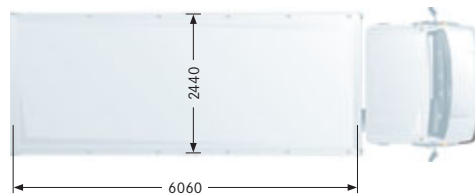
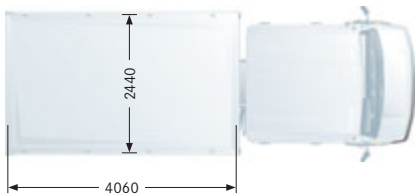
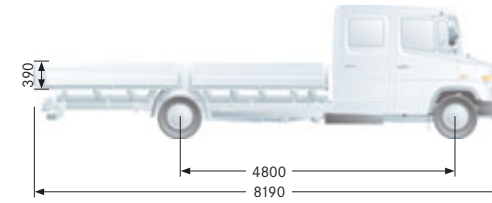
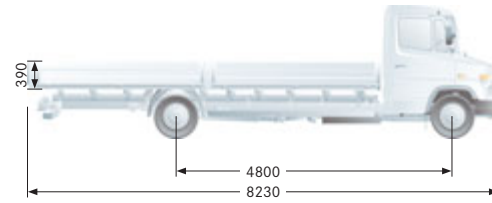
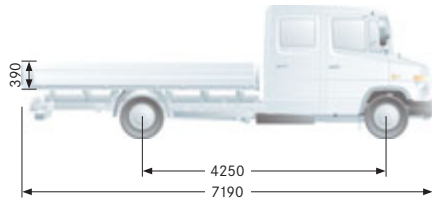
H up to 1110²






H up to 1115²



H up to 1110²



The Vario tippers at a glance

| | | with 3150-mm wheelbase | with 3700-mm wheelbase | |
|--|----------------|---|---|---|
| | |  |  |  |
| | | Standard cab | Standard cab | Crewcab |
| Cargo area [m ²] | | 6.82 | 8.80 | 6.82 |
| Cargo volume [m ³] | | 2.39 | 3.08 | 2.39 |
| Max. loading length [mm] | | 3100 | 4000 | 3100 |
| Kerb weight ¹ [kg] | 5990 | 3545 | 3710 | 3755 |
| at perm. GVW | 7490 (4x2/4x4) | 3675/- | 3845/4270 | 3890/4315 |
| Payload [kg] with GVW of | 5990 | 2445 | 2280 | 2235 |
| | 7490 (4x2/4x4) | 3815/- | 3645/3220 | 3600/3175 |
| Perm. GVW [kg] | | 5990/7490 | 5990/7490 | 5990/7490 |
| Towing capacity [kg] | Braked | 3500 ² /3500-7500 ³ | 3500 ² /3500-7500 ³ | 3500 ² /3500-7500 ³ |
| | Unbraked | 750 | 750 | 750 |
| Perm. gross combination weight ⁴ [kg] | | 10,200 ⁵ /13,000 ⁶ /15,000 ⁷ | 10,200 ⁵ /13,000 ⁶ /15,000 ⁷ | 10,200 ⁵ /13,000 ⁶ /15,000 ⁷ |
| Turning circle Ø [m] (4x2/4x4) | | 11.8/- | 13.4/14.7 | 13.4/14.7 |

¹ Figures according to Directive 97/27/EC in the currently applicable version at the time of going to press (kerb weight incl. tools/spare wheel and trailer tow hitch, if supplied by manufacturer, with fuel tank 90% full, driver 75 kg) for standard-specification vehicles.

Optional 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 With ball-type trailer tow hitch (not for 4x4)

³ With pin-type trailer tow hitch, depends on braking system/type of trailer/perm. gross combination weight

⁴ With standard transmission

⁵ For 618 D/818 D/818 DA

⁶ For 613 D/616 D/813 DA/816 DA

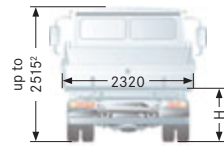
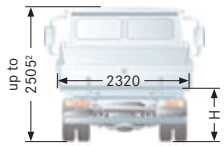
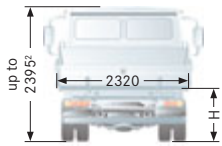
⁷ For 813 D/816 D

Key: 4x2 = rear-wheel drive, 4x4 = all-wheel drive

Factory fitted dropside bodywork is not available in the UK. Local alternatives are available. Please contact your Mercedes-Benz Van dealer for details

Tipper with 3150-mm wheelbase
Standard cab

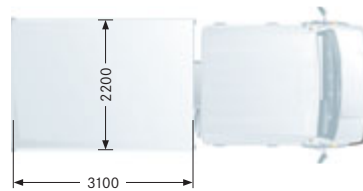
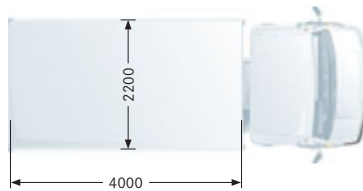
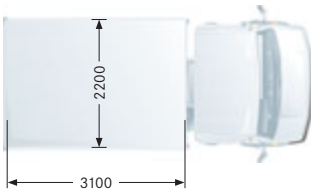
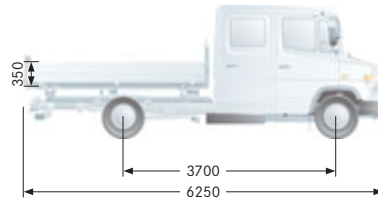
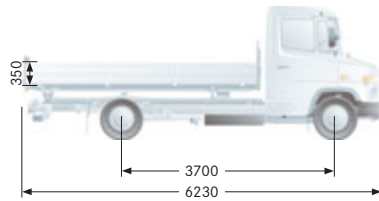
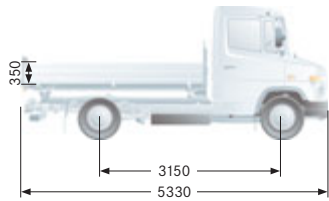
Tipper with 3700-mm wheelbase
Standard cab Crewcab



H up to 1115²

H up to 1230²

H up to 1230²



¹ Depending on model and perm. GVW
² Unladen

All dimensions in mm
The vehicle and loading-height data also apply to the all-wheel-drive versions



The Vario chassis at a glance



with 3150-mm wheelbase









Standard cab



Crewcab

| | | | |
|--|----------------|---|---|
| Kerb weight ¹ [kg] | 5990 | 2740 | 2925 |
| at perm. GVW | 7490 (4x2/4x4) | 2915/- | 3100/- |
| Payload ² [kg] at perm. GVW | 5990 | 3250 | 3065 |
| | 7490 (4x2/4x4) | 4575/- | 4390/- |
| Perm. GVW [kg] | | 5990/7490 | 5990/7490 |
| Towing capacity [kg] | Braked | 3500 ³ /3500-7500 ⁴ | 3500 ³ /3500-7500 ⁴ |
| | Unbraked | 750 | 750 |
| Perm. gross combination weight ⁵ [kg] | | 10,200 ⁶ /13,000 ⁷ /15,000 ⁸ | 10,200 ⁶ /13,000 ⁷ /15,000 ⁸ |
| Turning circle Ø [m] (4x2/4x4) | | 11.8/- | 11.8/- |

| with 3700-mm wheelbase | | with 4250-mm wheelbase | | with 4800-mm wheelbase | |
|---|---|--|---|---|---|
|  |  |  |  |  |  |
| Standard cab | Crewcab | Standard cab | Crewcab | Standard cab | Crewcab |
| 2750 | 2935 | 2770 | 2955 | - | - |
| 2930/3355 | 3115/3540 | 2960/3385 | 3145/3570 | 2990/- | 3175/- |
| 3240 | 3055 | 3220 | 3035 | - | - |
| 4560/4135 | 4375/3950 | 4530/4105 | 4345/3920 | 4500/- | 4315/- |
| 5990/7490 | 5990/7490 | 5990/7490 | 5990/7490 | 7490 | 7490 |
| 3500 ³ /3500-7500 ⁴ | 3500 ³ /3500-7500 ⁴ | 3500 ³ /3500-7500 ⁴ | 3500 ³ /3500-7500 ⁴ | 3500 ³ /3500-7500 ⁴ | 3500 ³ /3500-7500 ⁴ |
| 750 | 750 | 750 | 750 | 750 | 750 |
| 10,200 ⁶ /13,000 ⁷ /15,000 ⁸ | 10,200 ⁶ /13,000 ⁷ /15,000 ⁸ | 10,200 ⁶ /13,000 ⁷ /15,000 ⁸ | 10,200 ⁶ /13,000 ⁷ /15,000 ⁸ | 10,200 ⁶ /13,000 ⁷ /15,000 ⁸ | 10,200 ⁶ /13,000 ⁷ /15,000 ⁸ |
| 13.4/14.7 | 13.4/14.7 | 15.0/16.5 | 15.0/16.5 | 16.0/- | 16.0/- |

¹ Figures according to Directive 97/27/EC in the currently applicable version at the time of going to press (kerb weight incl. tools/spare wheel and trailer tow hitch, if supplied by manufacturer, with fuel tank 90% full, driver 75 kg) for standard-specification vehicles.

Optional 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 Payload depends on the body fitted

³ With ball-type trailer tow hitch (not for 4x4)

⁴ With pin-type trailer tow hitch, depends on braking system/type of trailer/perm. gross combination weight

⁵ With standard transmission

⁶ For 618 D/818 D/818 DA

⁷ For 613 D/616 D/813 DA/816 DA

⁸ For 813 D/816 D

Key: 4x2 = rear-wheel drive, 4x4 = all-wheel drive

Chassis with 3150-mm wheelbase

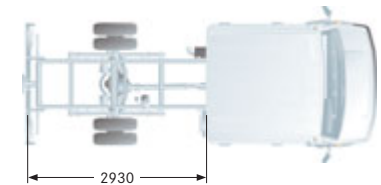
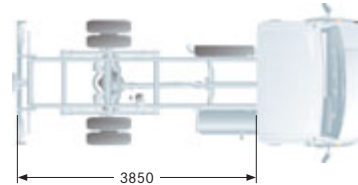
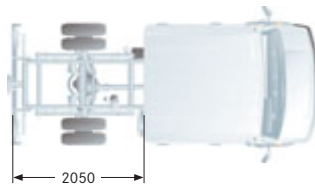
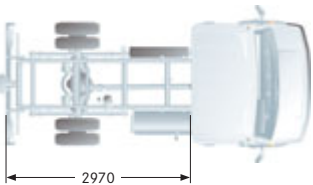
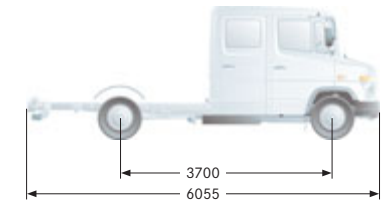
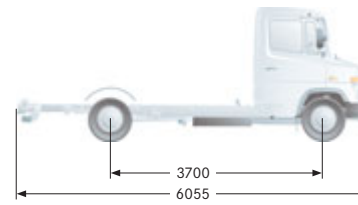
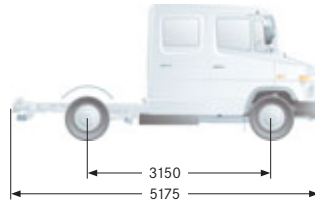
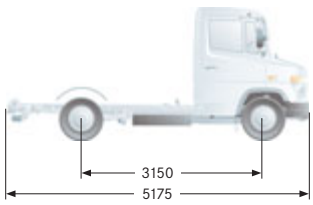
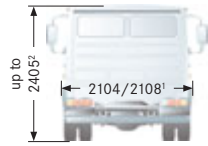
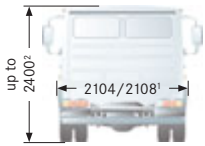
Standard cab

Crewcab

Chassis with 3700-mm wheelbase

Standard cab

Crewcab



¹ Depending on model and perm. GVW

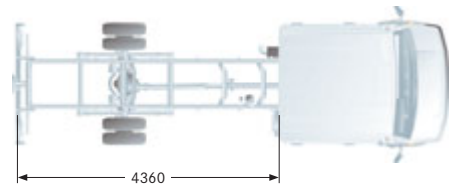
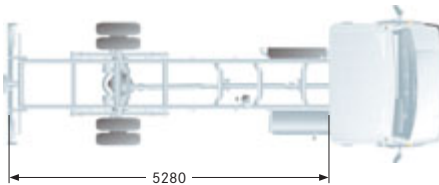
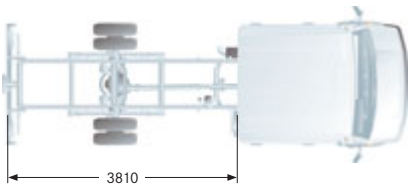
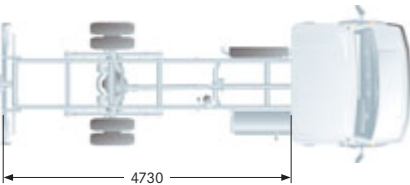
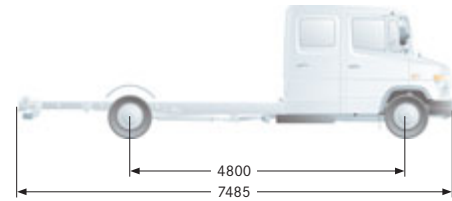
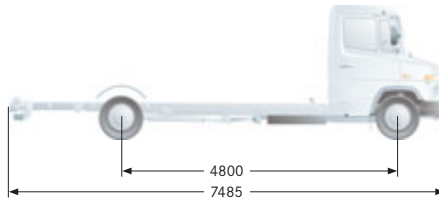
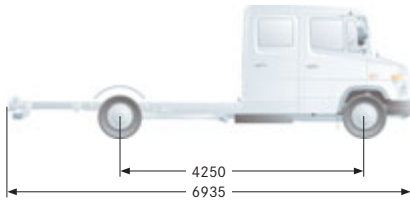
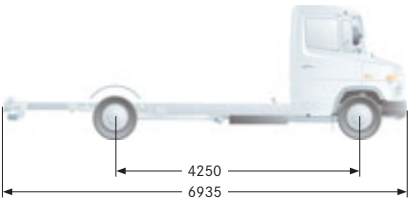
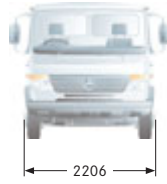
² Unladen

All dimensions in mm

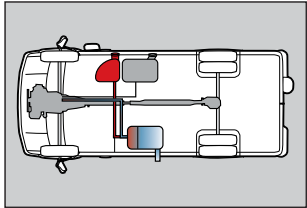
The vehicle and loading-height data also apply to the all-wheel-drive versions

Chassis with 4250-mm wheelbase
Standard cab Crewcab

Chassis with 4800-mm wheelbase
Standard cab Crewcab



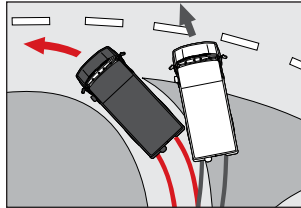
Glossary



BlueTEC SCR diesel technology

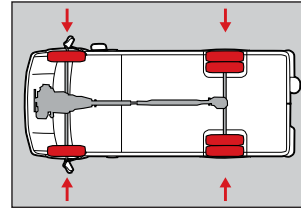
BlueTEC is the pioneering SCR diesel technology from Mercedes-Benz: a cost-effective and ecological solution which helps your Vario to comply with the Euro V emissions standard. The SCR (Selective Catalytic Reduction) exhaust gas treatment process is the only technology capable of ensuring the necessary reduction in exhaust gas emissions while optimising engine output and fuel consumption at the same time. The BlueTEC system includes modified engines with a higher peak pressure, which improves

combustion and reduces the number of particulates. Further components of the system include a catalytic converter and an AdBlue® tank. AdBlue® additive is simply filled up from a pump and carried in this separate tank on board. From here it is fed via a metering unit into the exhaust gas from the engine and is converted by the heat into ammonia, which is required for the chemical reaction in the catalytic converter. The catalytic reaction here converts the nitrogen oxides into harmless substances – nitrogen and water.



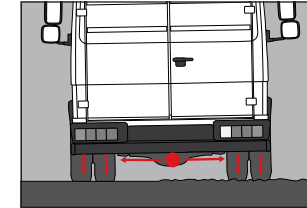
Anti-lock braking system ABS

ABS prevents the wheels from locking during braking. Speed sensors continuously monitor the speed of each wheel. If ABS detects that a wheel is at risk of locking up, 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 van, even during emergency braking.



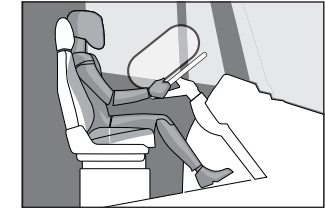
All-wheel drive

The permanent all-wheel-drive variants of the Vario deliver enhanced pulling power and traction in difficult terrain. An engageable off-road ratio ensures greater traction on rough ground. To further improve traction, both the differential in the transfer case and the rear axle differential can be locked.



Differential lock

The differential lock ensures that the wheels of a driven axle turn at the same speed. This prevents individual wheels from spinning, which improves traction and enhances safety, particularly on uneven or slippery surfaces, when pulling away on a gradient or on rough terrain.

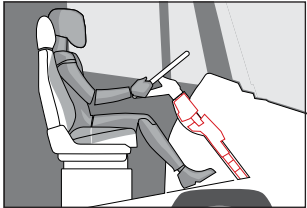


Driver's front airbag

To round off the safety equipment, a front airbag is available for the Vario's driver's seat. It enhances driver safety, acting in partnership with the seat belt as an additional restraint system.

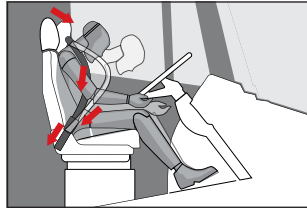
Caution:

Airbags in no way diminish the need for occupants to fasten their seat belts correctly before every journey: an airbag can only provide its full protective effect if the occupant is wearing the seat belt correctly.



Safety steering column

The safety steering column, installed in the Vario in conjunction with the driver's front airbag, helps to reduce movement of the steering column in the event of a frontal collision. The aim is to minimise the risk of injury for the Vario driver in a frontal collision. The various joints and telescopic sections allow the safety steering column to yield in a frontal collision. In this way the movement of the steering wheel is largely decoupled from the deformation of the front-end structure of the vehicle.

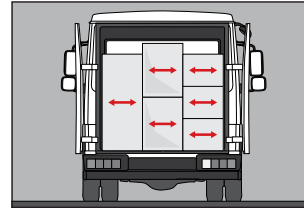


Three-point seat belts with belt tensioners

Three-point seat belts are the most commonly used and most important occupant protection system in today's vehicles, providing a controlled restraining effect in the event of an accident. They can be complemented by belt tensioners and airbags. When the belt tensioner is activated it pulls the belt more firmly around the vehicle occupant, providing restraint at an earlier stage.

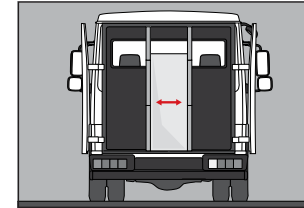
This reduces the forces acting on the occupant. When the optional driver's front airbag is ordered, the belt tensioner for the driver's seat is automatically included.

Caution:
Never drive without your seat belt!
The seat belt system is the most important safety system as it is the most effective at reducing the occupants' movement in the event of an impact.



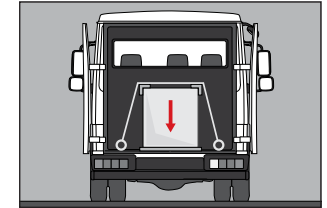
Load restraint

Due to the dynamic forces which occur when transporting goods, an unsecured load can start moving uncontrollably due to slipping, tilting or rolling, thus increasing the risk of accident and injury. With their load-restraint systems and wide range of optional equipment, Mercedes-Benz vans provide professional load-securing solutions. The Vario includes a range of different bulkhead variants and optional load-securing rings.



► Top 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 or partition nets or cargo barriers (direct load restraint).



► Top right diagram:

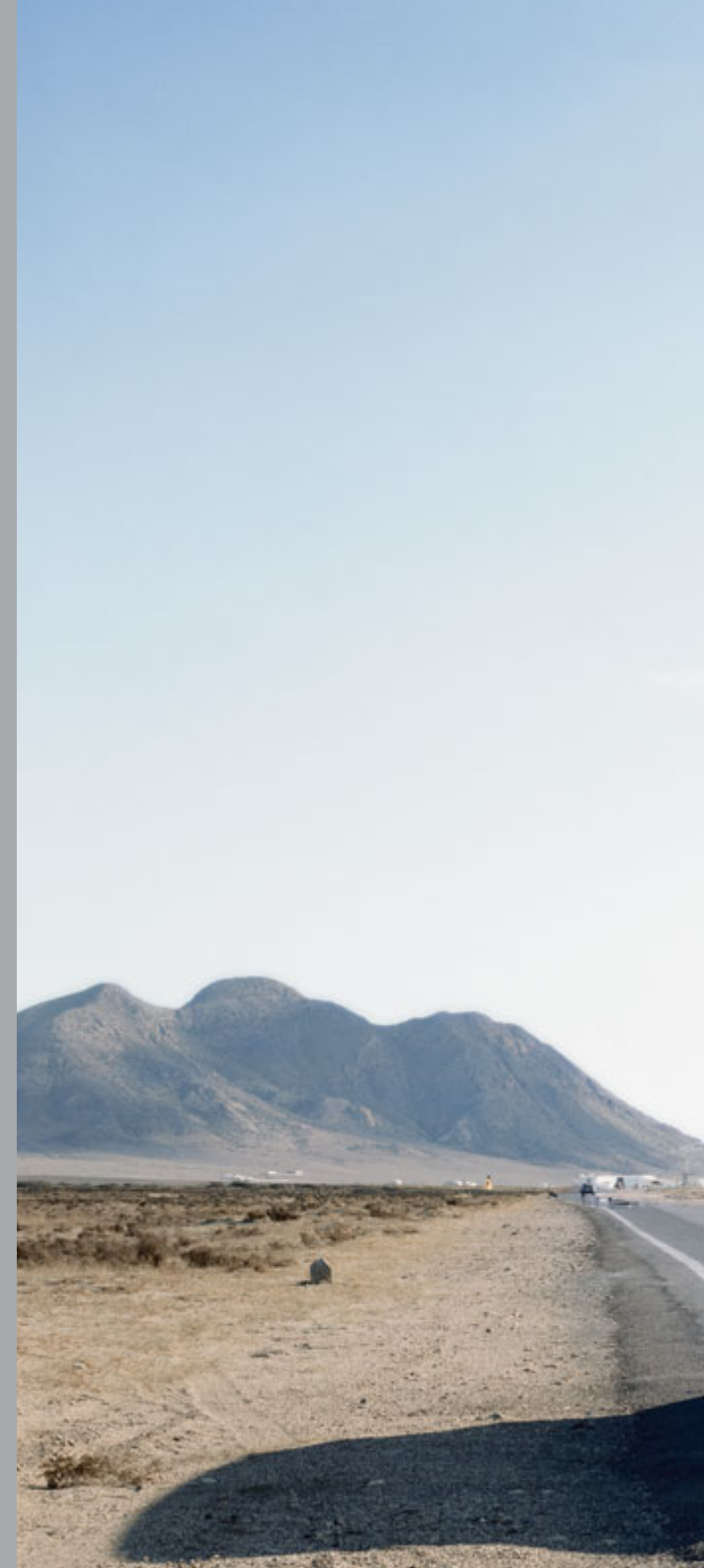
Loads can be tied down to the floor using lashings. This increases friction between load and floor, preventing slippage (indirect load restraint).

Working for your success

Mercedes-Benz is never far away: with some 2600 conveniently situated outlets, we have one of Europe's most extensive service networks for vans. But we offer much more besides: our vehicle services and mobility packages as well as our individual leasing, financing and insurance solutions can help your business to operate competitively and cost-effectively – both with regard to procurement of the vehicle and throughout its entire useful life.

You can experience our comprehensive range of services in our extensive network of company-owned sales and service outlets or at your local dealership. Your Mercedes-Benz service advisor will be pleased to provide you with detailed advice on what is available and what best suits your needs.

You can also find the Owner's Manual for the Vario on the internet to help you familiarise yourself with the functions and features which await you. Please go to www.mbvans.co.uk and select owners manuals in the service section.



Financing, leasing and insurance

Plus3 financing

Agreed future value financing

Seasonal financing

Standard financing

Leasing

Municipal leasing

Vehicle insurance

Payment protection

Gap insurance

Extension of warranty

Mercedes-Benz CharterWay

CharterWay Service

CharterWay ServiceLeasing

CharterWay Rental

Service and parts

Extended opening hours

Mercedes-Benz Service24h

Mercedes-Benz ExpressService

MercedesServiceCard

Mercedes-Benz genuine parts

Mercedes-Benz genuine remanufactured parts



Financing, leasing and insurance

You've found the vehicle of your dreams but want to remain flexible in financial terms? Then the best thing to do is speak to us. With a range of offers individually tailored to meet your needs we can grant you more room to manoeuvre financially. From leasing to financing packages, insurance or service modules – we offer all these as one-stop solutions with attractive conditions. Further information on the financing and leasing services offered by Mercedes-Benz Financial Services is available at www.mbvans.co.uk

Mercedes-Benz Financing

Vehicle financing from Mercedes-Benz Financial Services puts you behind the wheel of your chosen vehicle with manageable instalments. Regardless of the financing method you choose, you own your new vehicle, yet retain your financial flexibility. The monthly instalments are calculated on the basis of the following criteria:

- ▶ Initial payment
- ▶ Period of agreement

Our financing products:

- ▶ Plus3 financing
- ▶ Agreed future value financing
- ▶ Seasonal financing
- ▶ Standard financing

Your benefits at a glance:

- ▶ Faster access to the vehicle you want
- ▶ Fixed interest rate throughout the entire period of the agreement
- ▶ Clear calculation basis
- ▶ Transparent costs
- ▶ One partner: Mercedes-Benz

Mercedes-Benz Leasing

You'd like to drive a new vehicle equipped to your own specification and only pay for using it? Then leasing is ideal for you. Attractive instalments mean that only a small amount of capital is tied up and you know the exact amount of the monthly costs involved; this provides a better planning basis for your business while ensuring that your credit potential is maintained. The vehicle remains the property of the lessor and does not appear on the balance sheet of the lessee. The following criteria are used to calculate the level of the monthly instalments:

- ▶ Purchase price
- ▶ Initial payment
- ▶ Period of agreement
- ▶ Mileage to be covered during agreement
- ▶ Expected residual value of vehicle

Our leasing products:

- ▶ Leasing
- ▶ Municipal leasing

Your benefits at a glance:

- ▶ Faster access to the vehicle you want
- ▶ You always have an up-to-date vehicle
- ▶ No capital tied up
- ▶ Fixed monthly instalments
- ▶ You choose the mileage and duration of the agreement
- ▶ At the end of the lease period, you simply return the vehicle to your dealer at its guaranteed residual value
- ▶ As a business user, you can claim the monthly instalments as business expenses

Mercedes-Benz Insurance

Regardless of where your Mercedes-Benz vehicle takes you, you can travel with the extra peace of mind that comes from our insurance packages which offer comprehensive services on attractive terms. And, of course, they come with the high standard of quality you expect from Mercedes-Benz. Just like our vehicles, our insurance is designed to be the best.

Our insurance products:

- ▶ Liability insurance and comprehensive insurance cover with various levels of service
- ▶ Payment protection in conjunction with a finance agreement
- ▶ Gap insurance
- ▶ Extension of warranty

Your benefits at a glance:

- ▶ Attractive terms matched to the Mercedes-Benz vehicle range
- ▶ Specialised van insurance packages
- ▶ In the event of damage, vehicle is routed to a Mercedes-Benz service partner for repair with Mercedes-Benz genuine parts

Mercedes-Benz CharterWay

The most experienced name in the market, CharterWay is the professionals' choice for combined services for Mercedes-Benz commercial vehicles:

CharterWay Service. This product line brings together maintenance and repair activities in three separate service packages: BestBasic, Select and Complete. The level of service provided ranges from a simple warranty extension to coverage of all prescribed maintenance work to complete cover including wear and tear repairs.

CharterWay ServiceLeasing. This product combines leasing with one of the three CharterWay service packages (BestBasic, Select or Complete). In this way, all your requirements from vehicle procurement to management to workshop service are covered with just one product.

CharterWay Rental¹. Our rental offers allow you to increase your transport capacity flexibly on a short-term or long-term basis without having to tie up capital with all the risks which that entails.

For individual advice, please consult your Mercedes-Benz dealer or refer to Mercedes-Benz CharterWay at www.mercedes-benz.com

Service and parts

Extended opening hours. Many Mercedes-Benz service outlets are open from Monday to Friday until 8 p.m., 10 p.m. or, in some cases, around the clock.

Mercedes-Benz Service24h. If your Mercedes should ever have starting problems or break down en route, our free² Service24h hotline (00800 3 777 7777) will arrange expert assistance for you as quickly as possible. This service is available throughout the whole of Europe. On 365 days a year, 24 hours a day our service teams ensure that you are back on your way again without delay.

Mercedes-Benz ExpressService. Oil changes and the smaller maintenance tasks along with the replacement of wear parts and minor repairs can be performed without having to make an appointment and often at a fixed price. Most of these tasks can be completed within 2 hours.

MercedesServiceCard. This guaranteed payment card ensures fast, straightforward assistance at authorised workshops throughout Europe. It also speeds up the processing of calls to Service24h and can be used to pay tunnel and toll charges as well as fuel bills.

Mercedes-Benz genuine parts. Genuine parts from Mercedes-Benz undergo rigorous material and functional testing, are engineered to fit your vehicle perfectly and remain available for 15 years after the end of series production.

Mercedes-Benz genuine remanufactured parts. If your van has been on the road for some time, Mercedes-Benz genuine remanufactured parts are an ideal choice. Reconditioned in accordance with the current state of the art, they undergo the same function checks as new parts and come with the same high quality as our Mercedes-Benz genuine parts. There's just one difference: they cost up to 50% less!

¹ Available in selected countries only

² This hotline number can be called toll-free from landline phones and mobile phones. In some European countries, calls from mobile phones are subject to a charge set by the network operator. If your network operator does not permit international/free calls, we recommend that you use the relevant supplementary number for the country concerned. This can be found on the Service24h sticker in your vehicle

Please note: changes may have been made to the product since this brochure went to press (June 2011). The manufacturer reserves the right to make changes to the design, form, colour and specification during the delivery period, provided these changes, while taking into account the interests of the vendor, can be deemed reasonable with respect to the purchaser. Where the vendor or the manufacturer uses symbols or numbers to describe an order or the subject of an order. Colours may differ slightly from those shown in the brochure, owing to the limitations of the printing process. This brochure may contain models and services which are not available in certain countries.

This brochure is distributed internationally. Information given regarding statutory regulations, legal requirements and taxation and the consequences thereof applies to the Federal Republic of Germany only and is correct at the time of going to press. Please consult your Mercedes-Benz van dealer for final details.

www.mbvans.co.uk