



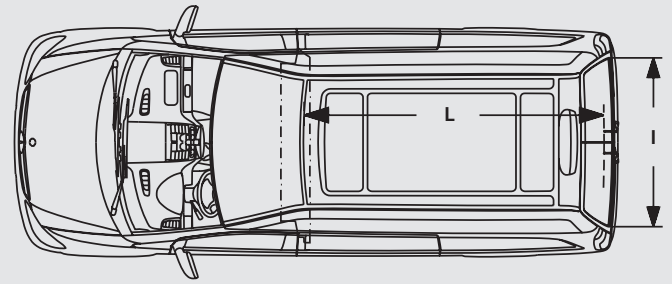
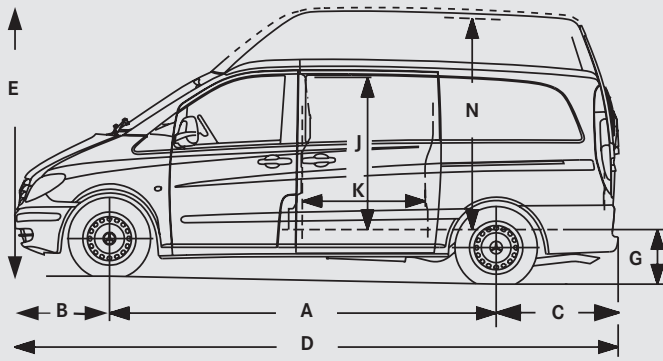
The Vito

Specification Sheet
April 2005



Mercedes-Benz

Vito Panel Vans



DIMENSIONS (mm)

Exterior dimensions

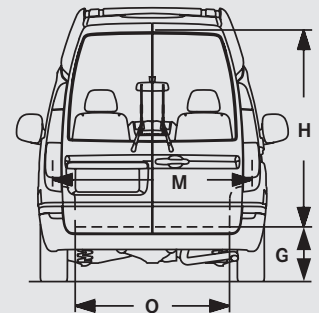
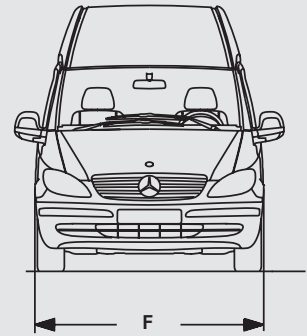
		Compact	Long	Extra long
A	Wheelbase	3200	3200	3430
B	Front overhang	783	783	783
C	Rear overhang	765	1010	1010
D	Overall length	4748	4993	5223
E	Overall height:			
	standard roof	1902	1902	1900
	high roof	-	2328	-
F	Overall width	1901	1901	1901

Load access dimensions

G	Rear door loading height	556	562	560
H	Rear door aperture height:			
	standard roof	1264	1264	1264
	high roof	-	1630	-
I	Rear door aperture width	1396	1396	1396
J	Sliding door aperture height	1259	1259	1259
K	Sliding door aperture width	985	985	985

Load space dimensions

L	Load length	2422	2667	2897
	(incl. recess space beneath seats)	2624	2869	3099
M	Maximum load width	1650	1650	1650
N	Interior height:			
	standard roof	1338	1338	1333
	high roof	-	1745	-
O	Width between wheel boxes	1277	1277	1277
	Cubic capacity			
	standard roof	4.65	5.19	5.68
	of body (m ³):	high roof	-	6.49



All dimensions are in unladen state.

WEIGHTS (kg)

	Compact		Long		Long High-roof		Extra long	
	3200	3200	3200	3200	3200	3200	3430	3430
Wheelbase (mm)	3200	3200	3200	3200	3200	3200	3430	3430
GVW	2770	2940	2770	2940	2770	2940	2770	2940
Kerb weights (kg)*								
Front axle	1096	1096	1093	1093	1103	1103	1150	1150
Rear axle	722	722	753	753	783	783	723	723
Total	1818	1818	1846	1846	1886	1886	1873	1873
Payload	952	1122	924	1094	884	1054	897	1067
Plated weights (kg)								
Front axle	1470	1550	1470	1550	1470	1550	1470	1550
Rear axle	1470	1550	1470	1550	1470	1550	1470	1550
GTW (unbraked)	750	750	750	750	750	750	750	750
GTW (braked) [†]	up to 2000	up to 2000	up to 2000	up to 2000	up to 2000	up to 2000	up to 2000	up to 2000

*Weights are to standard specification with full tank of fuel, spare wheel, carrier, and tools.

[†] GTW (braked) optional increased towing capacity of 2500kg (excl. 109CDI and 111CDI with manual transmission).

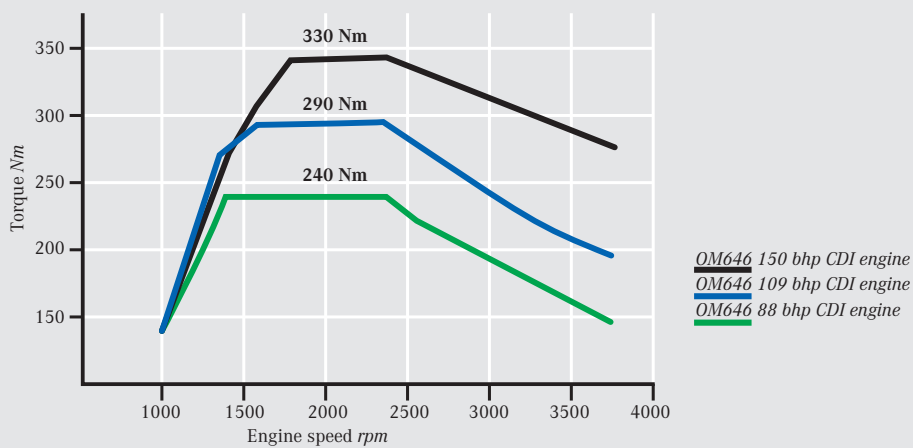
PLEASE SEE INTERIOR AND EXTERIOR FOR GENERAL INFORMATION

Engine and transmission

Engine details

	VITO 109 CDI	VITO 111 CDI	VITO 115 CDI
Type	Mercedes-Benz OM 646 DE22LA 4-cylinder turbo-charged and intercooled diesel	Mercedes-Benz OM 646 DE22LA 4-cylinder turbo-charged and intercooled diesel	Mercedes-Benz OM 646 DE22LA 4-cylinder turbo-charged and intercooled diesel
Fuel injection	Diesel common-rail direct injection	Diesel common-rail direct injection	Diesel common-rail direct injection
Maximum power	88bhp/65kW @ 3800rpm	109bhp/80kW @ 3800rpm	150bhp/110kW @ 3800rpm
Maximum torque	240Nm @ 1400 - 2400rpm	290Nm @ 1600 - 2400rpm	330Nm @ 1800 - 2400rpm
Capacity	2148cc	2148cc	2148cc
Transmission	6-speed manual	6-speed manual (5-speed automatic optional)	6-speed manual (5-speed automatic optional)

Vehicle performance



Interior

These interior features are common to all models unless otherwise stated

Trim	Cab headlining Driver and passenger grab handle Moulded ergonomic fascia Padded steering wheel Power-assisted steering with electrical steering lock	Warning lights	ABS/ESP/ASR/EBV warning lights Brake pad wear Coolant temperature Engine pre-heater Lamp failure Low brake fluid Low coolant level Low engine oil Malfunction in the restraint system Open door Parking brake Rear fog lamp
Seating	Driver's 3-way adjustable seat with head restraint Three-point inertia reel seat belts to all seats (height adjustable on front outer seats)	Visibility	'Butterfly' wipers Laminated windscreen Two sun visors, swivelling to the side, driver's side with map pocket
Refinements	Ashtray with cigarette lighter in dashboard Cab interior lighting Ceiling light in the load compartment (with switch in the dashboard) Central locking with remote control Cup holder Driver's airbag with emergency fuel cut off Electric front windows Radio/CD player with two speakers Steering wheel height and reach adjustable	Stowage	Illuminated glovebox Lashing rings in load compartment Storage compartments in dashboard Storage within driver's and passenger doors, also extra storage under the dual passenger seat Tool kit and storage area under driver's seat
Controls	Central locking switch in dashboard Hazard warning lights Headlamp levelling switch Headlamp rotary switch Heater and demister with multiple outlets Horn in centre of steering wheel Key start with steering lock and transponder engine immobiliser (FBS3) Left-hand stalk for indicators, wipers, main beam, headlamp flasher	Access	Top hinged tailgate or twin side hinged rear doors opening to 180° Twin sliding side load doors
Instruments	ASSYST – flexible servicing system Coolant temperature gauge Digital odometer with trip counter Digital quartz clock Fuel gauge Rev counter Speedometer		

PLEASE SEE INDIVIDUAL VEHICLE PAGES FOR SPECIFIC INFORMATION

Additional interior features

		Panel Van	Dualiner Basic	Dualiner Comfort	Traveliner
Trim	Floor and ceiling lining throughout	–	–	●	●
	Full trim in rear	–	–	●	●
	Half-board trim in rear	○	○	–	–
	Rear grab handles	–	–	●	●
	Wooden floor	●	●	–	–
Seating	Dual front passenger seat with head adjustments	●	●	●	○
	Single front passenger seat with head adjustment	○	○	○	●
	6 seats in rear (quick release) with three-point inertia reel seat belts	–	–	–	●
	3 seats in rear (quick release) with three-point inertia reel seat belts	–	●	●	–
Refinements	Additional speakers in rear	–	–	●	●
	Comfort opening and closing	○	○	○	●
	Heated exterior mirrors, electrically adjustable	○	○	○	●
	Heating/cooling air channel to passenger compartment	○	●	●	●
	Interior lighting in middle of rear passenger area	–	–	●	●
	Passenger airbag	○	○	○	●
Warning lights	Low windscreen washer fluid level	○	○	○	●
Visibility	Interior rearview mirror	○	○	○	●
	Tinted windows all round	○	○	○	●
Stowage	12-volt plug in rear	○	○	●	●
Access	Children's safety lock in rear side doors	○	●	●	●

Key

● Standard ○ Option – Not available

Exterior

These exterior features are common to all models unless otherwise stated

Wheels and tyres		Steering	
Wheels – Van	6J x 16	Type	Power-assisted rack and pinion
– Dualiner and Traveliner	6.5J x 16	Turning circle:	
Spare wheel	Mounted on carrier under rear of body (except Compact: Spare wheel mounted in the load space)*	Compact and Long	Wall to wall: 11.8m Kerb to kerb: 11.0m
		Extra long	Wall to wall: 12.5m Kerb to kerb: 11.7m
		Fuel tank	75-litre plastic tank
		Capacity	Filler on left 'B' pillar (secured behind hinged panel)
Tyres – Van	195/65R 16	Electrical System	
– Dualiner and Traveliner	205/65R 16	Voltage	12 volt
Brakes		Battery	74 Ah
Front/Rear	Floating caliper discs, internally ventilated in front, with pad wear indicator front and rear	Alternator	14 volt/200 amp
Service	Dual-circuit hydraulic system	Road lights	Halogen headlamps
	ESP & BAS including ABS, ASR and EBV		Headlamp levelling
Parking	Foot-operated parking brake		Front halogen fog lamps
			Indicator side repeaters
			3rd brake light
			Tail lights (reverse, fog lights integrated in cluster)
Suspension		Fuse box	Sited in the engine bay
Front axle	Fully independent McPherson struts with coil springs, shock absorbers and stabiliser		
Rear axle	Semitrailing-arm axle with coil springs and shock absorbers		

* Dualiner Comfort Compact is fitted with TIREFIT to replace a spare wheel.

Glossary

ABS – Anti-lock braking system. ABS regulates the brake pressure to ensure that the wheels do not lock when you apply the brakes.

ASR – Acceleration Skid Control. ASR works in the same way as ABS in that it detects and avoids wheel slip. The only difference is that it detects slip when the wheel is driving rather than braking and that instead of reducing the braking as in ABS, ASR reduces the engine torque.

BAS – Brake Assist. BAS helps to reduce the stopping distance for emergency braking.

EBV – Electronic Brake-power Distribution. EBV prevents the vehicle from overbraking the rear wheels when the rear-axle load is only light or when the friction between the road surface is very low (e.g. on a wet road surface).

ESP – Electronic Stability Program. ESP and ASR stabilises the vehicle by braking individual wheels and limiting the engine power output.

GVW – Gross Vehicle Weight. The maximum allowable weight of a laden vehicle.

GTW – Gross Train Weight. The maximum allowable weight of a laden vehicle and trailer combination. Shown for both ‘unbraked’ and ‘braked’ trailers in the specification pages.

Traveliner – Fully furnished passenger carrying vehicle with the model number denoting the number of seats (including driver).

Wheelbase – The dimensions from centre of front wheel to centre of rear wheel.

Please refer to the latest edition of the Mercedes-Benz Vito, Sprinter and Vario Recommended Retail Price lists for availability and prices of optional equipment. The right is reserved to alter specification or equipment without notice. All specifications refer to UK-sourced products only. All weights and dimensions quoted are approximate and subject to normal manufacturing tolerances of $\pm 5\%$.

The illustrations may show accessories and items of optional equipment which are not part of the standard specification. Colours may differ slightly from those shown, owing to the limitations of the printing process. For more information please contact your Mercedes-Benz van dealer or visit our website:

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