



## Technical Data

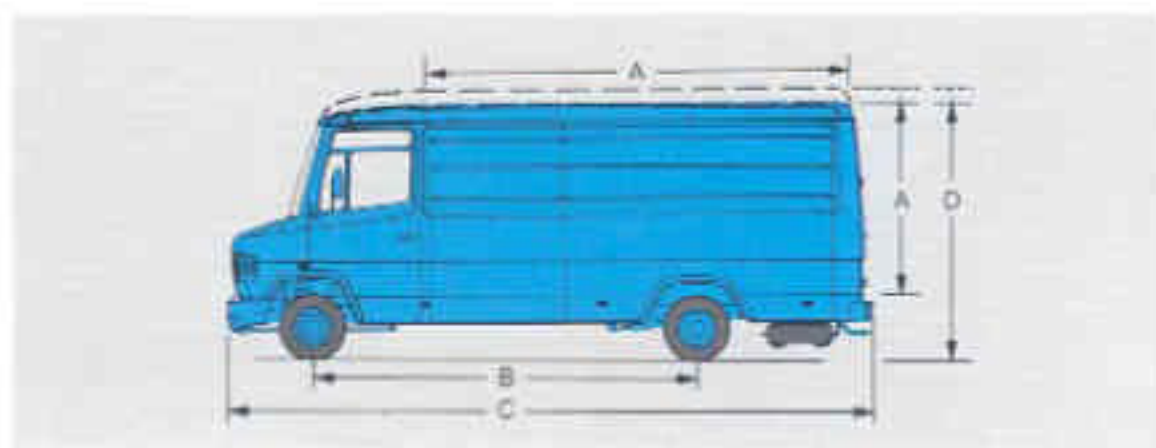
### Mercedes-Benz Vans

510	507 D	609 D	709 D	711 D	809 D	811 D	
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# Models 709 D and 711 D with 66 kW (90 hp) and 85 kW (115 hp) engines.

The economical vans for many applications: the vehicle design with high engine performance, a large volume cargo space and a high payload. Particular plus points: low loading height, direct through-cab access to cargo space, door combinations for many applications.



The high performance 4-cylinder diesel engine reaches its maximum torque of 240 Nm at only 1400/min.



The OM 354 A power package with 85 kW (115 hp).



Note for this model: Disc brakes at the front.

Dimensions	Van		Van with high roof	
A Cargo space (interior) L x B x H (mm)	1740 x 1880 x 1710	1780 x 1880 x 1870	1740 x 1880 x 2110	1840 x 1880 x 2310
B Wheelbase, mm	2760	3100	2760	4760
C Overall length, mm	4400	5000	4400	5170
D Overall height, mm (without wheel arches)	2000	2000 (1710) 2000 (1710)	2210	2610
Wheel width (mm)	2100	2100	2100	2100
Carrying capacity (t)	10.36	13.28	11.14	14.07
Door height opening in x B (mm)	1600 x 1050	1600 x 1000	1600 x 1000	1600 x 1000
Turning circle, m	11.3	13.4	11.3	13.0

Model 709 D Weights	
Norm. GVW, kg	1900 4400 5000 5400 5900 6600 6990 6900 6990 6900
Norm. max. axle load, kg	2300 2300 2300 2300 2300 2300 2150 2300 2300 2300
Norm. max. axle load, kg	4300 4700 4300 4700 4300 4700 4300 4700 4300 4700
Max. weight with (max.) kg	2870 2800 3040 3000 3200 3210 3240 3170 3090 3100
Payload, kg	270 870 240 241 300 600 240 600 270 200

Model 711 D Weights	
Norm. GVW, kg	— — — 6000 — — — 6900 — 6900
Norm. max. axle load, kg	— — — 2300 — — — 2300 — 2300
Norm. max. axle load, kg	— — — 4300 — — — 4300 — 4300
Max. weight with (max.) kg	— — — 3140 — — — 3140 — 3140
Payload, kg	— — — 244 0 — — — 244 0 — 244

Engine	Model 709 D OM 354	Model 711 D OM 354 A
No. of cylinders	4	4
Bore x stroke	87.0 / 102 mm	87.0 / 102 mm
Displacement	3870 cm <sup>3</sup>	3870 cm <sup>3</sup>
Power output	66 kW (90 hp) at 2000/min	85 kW (115 hp) at 2000/min
Max. torque	240 Nm (200 hp) at 1400/min	270 Nm (200 hp) at 1500/min
Compression ratio	17.0	16.1
Starter motor	11 V	24 V
Three-phase generator	28 A/280 V	28 A/280 V
Clamping force (%)	0.95 / 32%	1.4 / 32%

Clutch	Model 709 D OM 354	Model 711 D OM 354 A
Clutch	Single-plate dry clutch	Single-plate dry clutch
Synchronizer gearbox	Manual gearbox 2100 / 5 / 2.00	Manual gearbox 2100 / 5 / 2.00
Gear ratio	3.75	3.75
Wheels	440 x 14 x 10	440 x 14 x 10
Tires	SBR 120/70 R 10 S 4.1 / 200/10.0 R 10	225/75 R 14
Fuel tank capacity	40 l	40 l
Battery	12 V 35 Ah (40 Ah)	12 V 35 Ah (40 Ah)
Consumption (l/100 km)	24.0	24.0
Max. speed of main vehicle (km/h)	160 / 164 km/h 220 / 220 km/h	170 km/h
Additional notes	Also vans 4x4, 4x2, 4x2, 4x2, 4x2, 4x2 Additional notes	Also vans 4x4, 4x2, 4x2, 4x2, 4x2, 4x2 Additional notes





## Exceptional design, perfect details.

Even at first glance the new large vans appear modern and practical. Particular characteristic: large window area gives the driver an excellent view in all directions. The aerodynamic design provides for considerable fuel savings and keeps the side windows clean. Spacious single or double cabs offer space for up to 7 passengers.



Particular value was placed on easy maintenance and driving convenience: Centrally located service points under the large front hatch reduce the daily service time. The ergonomically designed driver's seat allows concentrated and non-fatiguing driving for long periods. The instruments are non-reflecting with the new back-light design. Load/travel dependent shock absorbers and the perfect new suspension system assure uniformly high driving comfort regardless of the load. The now fully resilient body mounts and standard noise deadening package effectively reduce exterior and interior noise.



The door behind the front seat provides for easy entrance.



Clearly arranged instruments with optimum, non-reflecting night illumination with back-light design.