

E220
E320
Coupés



Mercedes-Benz

U.K. Specification

Standard Equipment

Engine

Four-valve technology; fully electronic fuel injection; three-way catalytic converter with oxygen probe; multi-functional mixture preparation and ignition system; fuel cut-off on overrun; diagnostic socket; maintenance-free single belt drive with poly V-belt and automatic tensioning device.

E220: 4-cylinder, 16 valve 2.2 litre engine

E320: 6-cylinder, 24 valve 3.2 litre engine

Transmission

Four-speed automatic transmission fitted as standard on both models.

Optional: Five-speed automatic transmission (E320).

Suspension

Shock absorber strut independent front suspension with wishbones and anti-dive control; negative offset steering, multi-link independent rear suspension with five links per wheel; anti-squat and anti-lift control. Spring and damper functions separate (greater spring travel); two coil springs and one anti-roll bar front and rear; two shock absorber struts at the front, two gas-filled shock absorbers at the rear.

Optional: Self-levelling rear suspension;
ASD-automatic locking differential

Brakes

Dual-circuit servo braking system with vacuum booster and ABS (anti-lock braking system) as standard; floating caliper disc brakes at front (internally ventilated); fixed caliper disc brakes at rear; parking brake acting on the rear wheels; wear indicator for front brake pads.

Steering

Power-assisted steering; steering shock absorber; large padded boss with integrated driver airbag on steering wheel; deformable steering wheel boss; deformable steering column; steering gear located well behind front suspension.

Bodywork

All-steel, monocoque body; rigid, torsionally resistant passenger compartment (safety cell); fuel tank located above rear suspension; impact-absorbing front and rear sections; optimal all-round visibility, safety glass throughout; two doors; smooth side mouldings to protect from minor damage; flexible plastic bumpers at front and rear.

Windows

Tinted safety glass all round with laminated windscreen; electrically operated windscreen wash system with heated twin nozzles; eccentric sweep, panoramic windscreen wiper with two speeds and intermittent control - operated via combination switch on the steering column; electrically lowered front and rear side windows. Heated rear window.

Locks

Central locking (multi-point operation); wedge-pin door locks; boot lock; steering wheel lock combined with ignition lock and starter non-repeat unit; master key system with four-way key; second key for doors and steering wheel lock only; lockable glove compartment; fuel tank lock.

Lights

Rectangular headlamps with side lights, asymmetrical low beams, high beams, front fog lamps (halogen); warning buzzer when headlamps or side lights are not switched off; pneumatic headlamp range adjustment; parking lights, reversing lights, rear fog lamp, variable instrument illumination, interior lights with delay switch and additional reading light for front-seat passenger; rear courtesy light; illuminated ashtray, glove compartment, ventilation and heating controls and boot.

Seats

Contoured seats with lateral support; seat-suspension matched to car suspension. *Front:* adjustable seat height and reach; driver seat with height and incline adjustment, impact resistant fixture; height adjustable three-point inertia reel seatbelts with storage compartment in the centre; belt tensioners; electric belt feeders; head restraint adjustable via handwheel. *Rear:* two three-point inertia reel seatbelts with automatic belt height adjustment.

Heating and Ventilation

Draught-free continuous flow of cool or warm air; separate electronically adjustable interior temperature control system for left and right sides maintaining selected temperature between 16 and 32°; air distribution to windscreen, side windows, front footwells and separate air feed to rear footwell; large air vent in centre of dashboard, variable control to all angles, four stage radial fan with cut-off flap.

Optional: Air conditioning system.

Signalling System

Self-cancelling indicators with fingertip contact for overtaking, operated via a combination switch on the steering column; horn; headlight flasher, hazard warning lights.

Instruments and Monitor Lamps

Instrument panel padded, yields on impact; speedometer; rev counter, mileage recorder; trip recorder; quartz clock; gauges for oil pressure, fuel, coolant temperature; monitor lamps for high beam, direction indicators, hazard warning lights, parking brake, battery charge, brake pad wear, ABS, fog lamp, fuel reserve; warning lights for engine oil, brake fluid, coolant and screenwash fluid levels; bulb failure indicator for all exterior lights; flashing 'fasten seatbelts' symbol.

Miscellaneous

Airbag and space for front seat passenger airbag. Centre console, dashboard and door panels in fine wood veneer; oddments tray between the front seats; pockets on each front door panel and in backrests of front seats; lockable glove compartment with opening damper; panoramic anti-dazzle rear view mirror; heated exterior mirrors, electrically adjustable from the interior, with anti-glare glass; three padded sun visors (on front seat passenger side with metal safety mirror); three grab handles on roof frame with clothes hooks on rear; padded armrests with grab handles on the doors; ashtrays in front, with cigarette lighter with cover plate; pull-out ashtrays at rear; velour carpeting front and rear; storage compartment in spare wheel recess; towing lugs front and rear; warning triangle, first aid kit in the parcel shelf. Burr walnut trim and light alloy wheels (E320).

	E220	E320		
No. of cylinders	4	6		
Bore/stroke	89.90/86.60 mm	89.90/84.00 mm		
Total displacement	2199 cm ³	3199 cm ³		
Rated output ¹⁾	150 DIN hp at 5500/min 110 kW at 5500/min	220 DIN at 5500/min 162 kW at 5500/min		
Rated torque ¹⁾	155 lb ft at 4000/min 210 Nm at 4000/min	229 lb ft at 3750/min 310 Nm at 3750/min		
Compression ratio	10.0:1	10.0:1		
Engine oil capacity max./min. (litres)	5.5/3.5	7.0/5.0		
Capacity of cooling system (litres)	8.5	9.0		
Generator	14 V/70 A	14 V/90 A		
Battery	12 V/62 Ah	12 V/62 Ah		
Max. speed	5-speed man. 4-speed auto	131 mph/210 km/h 128 mph/205 km/h	147 mph/235 km/h 144 mph/230 km/h	
Tyres	195/65 R 15 91 V	195/65 ZR 15		
Fuel	Premium, unleaded, in accordance with DIN 51607			
Fuel consumption ²⁾ in mpg (litres/100km) Provisional	5-speed manual	4-speed auto	5-speed manual	4-speed auto
Urban cycle	23.5 (12.0)	25.2 (11.2)	19.2 (14.7)	20.2 (14.0)
56 mph (90 km/h)	42.8 (6.6)	40.4 (7.0)	34.4 (8.2)	31.7 (8.9)
75 mph (120 km/h)	34.4 (8.2)	32.8 (8.6)	28.2 (10.0)	26.2 (10.8)
Tank capacity inc. reserve approx. 9.0 litres	15.4 gals 70 litres		15.4 gals 70 litres	
Turning circle diameter	10.9 m		10.9 m	
Kerb ³⁾ weight	1390 kg		1490 kg	
Permissible gross vehicle weight	1890 kg		1980 kg	

Trailer load: legislation varies in different countries. Your local dealer will be pleased to give you comprehensive information.

1) The output given in accordance with EEC Directive 88/195 is effectively available at the clutch for driving the vehicle. Any other power consumption has already been deducted.

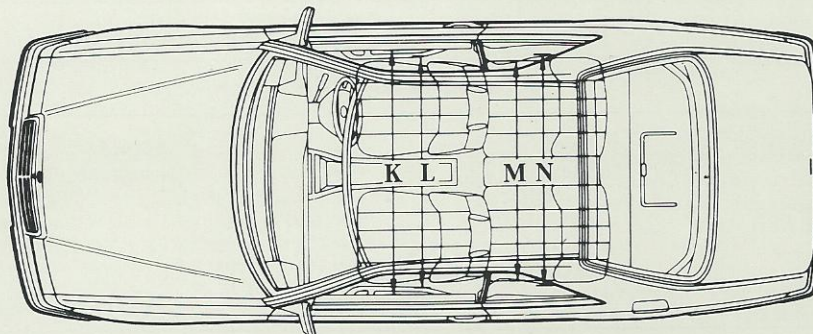
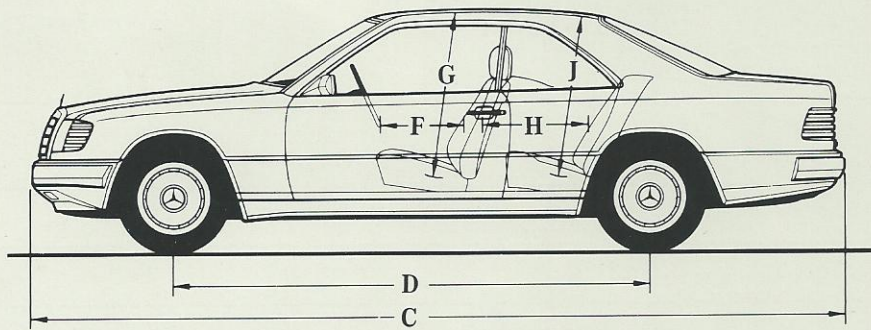
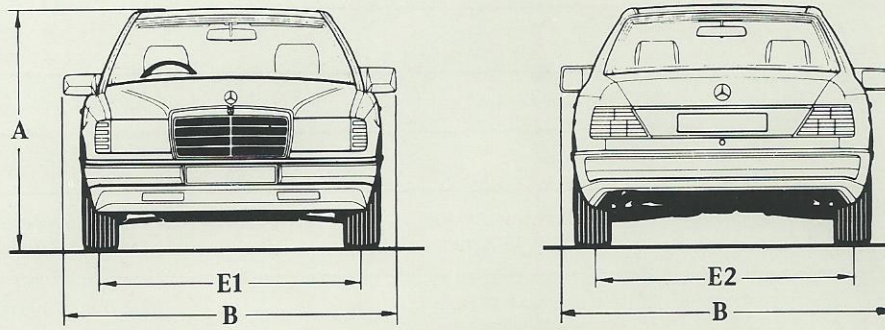
2) Fuel consumption in accordance with Passenger Car Fuel Consumption Order, 1977. The figures stated have been determined using a standardised test procedure comprising:- bench testing to simulate urban driving; - tests on a test bench or a dry, level road with constant speeds of 90 and 120 km/h. This gives potential buyers a basis for comparing different vehicles. The fuel consumption figures obtained in normal operation will differ from those determined by the standardised procedure depending on style of driving, road and traffic conditions, environmental factors and the condition of the vehicle.

3) Kerb weights apply to vehicles with standard specification. Optional extras increase weight.

4) Rated output, torque, performance figures and fuel consumption apply to standard petrol-engined vehicles which are fitted in production with a catalytic converter. Where a vehicle is supplied to a special order without catalytic converter these figures may vary. Please consult your local dealer for relevant information.

The information given in this brochure should be regarded as approximate. The right to make modification to the design and the specification is reserved.

Dimensions



A	Overall height	1410 mm
B	Overall width	1884 mm
C	Overall length	4655 mm
D	Wheelbase	2715 mm
E1	Track width, front	1497 mm
E2	Track width, rear	1488 mm
F	Steering wheel - backrest ¹	484 mm
G	Seat height, front ¹	952 mm

H	Driver's backrest - rear seat ¹	615 mm
J	Seat height, rear	935 mm
K	Width at hip level, front	1356 mm
L	Width at shoulder height, front	1416 mm
M	Width at hip level, rear	1332 mm
N	Width at shoulder height, rear	1282 mm
	Boot space (VDA)	480 litres

¹values may vary according to seat position