

E250 Diesel
E300 Diesel

Saloons



Mercedes-Benz

U.K. Specification

Standard Equipment

Engine

Four-valve technology diesel engine incorporating Mercedes-Benz pre-chamber principle; automatic idle speed increase; in-line injection pump with automatic injection timing device; hydraulic valve clearance compensation; all auxiliaries driven by a single self-tensioning poly-V-belt; oxidation catalyst and exhaust gas recirculation.

E250 Diesel: 5-cylinder, in-line engine

E300 Diesel: 6-cylinder, in-line engine

Transmission

E250 Diesel fitted with five-speed manual gearbox as standard. Central shift; hydraulic clutch control with automatic wear compensation; two mass flywheel. No cost option on E300 Diesel. E300 Diesel fitted with four-speed automatic transmission as standard (optional extra on E250 Diesel).

Engine Encapsulation

The engine and transmission are enclosed by body-supported encapsulation elements. Insulating matting under bonnet and on transmission tunnel. Rubber seals around the bonnet and the headlights further reduce noise emissions.

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 as standard; floating caliper disc brakes at front; 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; four 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 steering wheel. Heated rear window.

Locks

Central locking (multi-point operation); wedge-pin door locks; child-proof locks on the rear doors; boot lock; steering wheel lock combined with ignition lock and starter non-repeat unit; master key system with four-way key; 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 belt tensioners and head restraint adjustable via handwheel. *Rear:* two three-point inertia reel seatbelts with automatic belt height adjustment; lap belt in centre.

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; pre-glow starter activator; warning lights for engine oil, brake fluid, coolant and screenwash fluid levels; bulb failure indicator for all exterior lights; flashing 'fasten seatbelts' symbol.

Miscellaneous

Driver 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 arm rests 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.

	E250 Diesel		E300 Diesel	
No. of cylinders	5		6	
Bore/stroke	87.0/84.0 mm		87.0/84.0 mm	
Total displacement	2497 cm ³		2996 cm ³	
Rated output ¹⁾	113 DIN hp at 5000/min 83 kW at 5000/min		136 DIN at 5000/min 100 kW at 5000/min	
Rated torque ¹⁾	125 lb at 3200 - 4600/min 170 Nm at 3200 - 4600/min		155 lb at 2200 - 4600/min 210 Nm at 2200 - 4600/min	
Compression ratio	22.0:1		22.0:1	
Engine oil capacity max./min. (litres)	5.5/3.5		6.0/4.0	
Capacity of cooling system (litres)	approx. 9.0		approx. 9.0	
Generator	14 V/55 A		14 V/55 A	
Battery	12 V/74 Ah		12 V/74 Ah	
Max. 5-speed man. speed 4-speed auto	118 mph/190 km/h 116 mph/187 km/h		125 mph/200 km/h 123 mph/197 km/h	
Tyres	195/65 R 15 91 H		195/65 R 15 91 H	
Fuel	Diesel		Diesel	
Fuel consumption ²⁾ in mpg (litres/100km) Provisional	5-speed manual	4-speed auto	5-speed manual	4-speed auto
Urban cycle	31.0 (9.1)	32.1 (8.8)	28.8 (9.8)	30.4 (9.3)
56 mph (90 km/h)	52.3 (5.4)	47.9 (5.9)	52.3 (5.4)	45.6 (6.2)
75 mph (120km/h)	40.4 (6.8)	36.7 (7.7)	40.4 (7.0)	35.8 (7.9)
Tank capacity inc. reserve approx. 9.0 litres	15.4 gals 70 litres		15.4 gals 70 litres	
Turning circle diameter	11.3 m		11.3 m	
Kerb ³⁾ weight	1420 kg		1470 kg	
Permissible gross vehicle weight	1990 kg		2030 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.

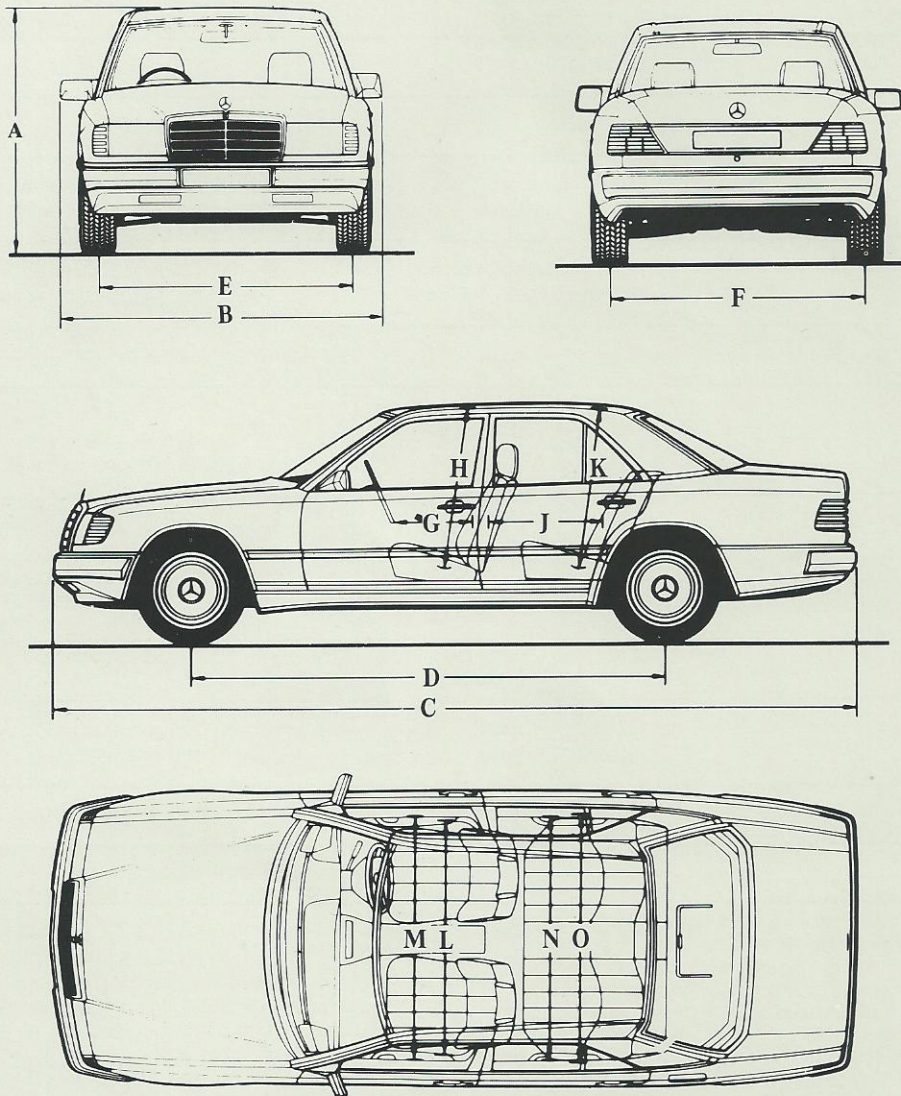
2) Fuel consumption in accordance with Passenger Car Fuel Consumption Order, 1977. The figures stated have been determined using a standardised test procedure comprising: - bench testing to simulate urban driving; - tests on a test bench or a dry, level road with constant speeds of 90 and 120 km/h. This 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	1446 mm
B	Overall width	1884 mm
C	Overall length	4740 mm
D	Wheelbase	2800 mm
E	Track width, front	1497 mm
F	Track width, rear	1488 mm
G	Steering wheel - backrest ¹	482 mm
H	Seat height, front ¹	975 mm

J	Driver's backrest - rear seat ¹	690 mm
K	Seat height, rear	958 mm
L	Width at hip level, front	1346 mm
M	Width at shoulder height, front	1420 mm
N	Width at hip level, rear	1406 mm
O	Width at shoulder height, rear	1416 mm
	Boot space (VDA)	520 litres

¹values may vary according to seat position