

Equipment | Signs of Distinction

Safety		M5	Power unit		M5
Adaptive Headlights		<input type="checkbox"/>	10-cylinder V engine with four-valve technology, individual throttle butterflies with electronic throttle butterfly control		■
Airbags:			Digital Motor Electronics (DME)		■
– ID driver and front passenger airbags (Impact-Depending Airbag System), seat occupancy detector for front passenger airbag		■	Emission standard EU 4		■
– Head airbags for driver and front passenger		■	Exhaust system , twin-chamber with twin dual tailpipes, chrome-plated		■
– Head airbags for rear-seat passengers		■	Hydraulic valve play compensation		■
– Side airbags for driver and front passenger		■	Ion flow knock control		■
– Side airbags for rear-seat passengers		<input type="checkbox"/>	Light-alloy cylinder head		■
Alarm system with remote control		■	M high-pressure double-VANOS		■
Anti-lock brake system (ABS)		■	Oil supply with lateral force control		■
Brakes:			On-board diagnosis		■
– Compound disc brakes, inner-vented and cross-drilled all round		■	Three-way catalytic converter with heated oxygen sensor, activated carbon filter, controlled tank purge		■
Brake light , third		■			
Central locking with electronic immobiliser, crash sensor; fuel tank filler flap integrated in central locking		■	Transmission/Suspension		M5
Centre lock switch		■	Electronic Damper Control with three programs (Normal, Comfort, Sports)		■
Dynamic Stability Control (DSC) , two-stage		■	Lightweight double-joint spring strut front axle with aluminium crossbar		■
– M Dynamic Mode		■	Lightweight integral rear axle		■
Headlight washing system		■	M Drive Manager		■
M exterior and interior rear-view mirrors with automatic anti-dazzle function		■	SMG Drivelogic 7-gear		■
M Servotronic		■	Suspension with M-specific set-up (sports suspension)		■
Park Distance Control (PDC)		<input type="checkbox"/>	Two-mass flywheel		■
Rain sensor incl automatic headlight operation		■	Variable M differential lock		■
Safety battery terminal		■			
Safety bodyshell:			Fuel consumption		M5
– Deformation zones front and rear, door reinforcements made of aluminium, bumpers regenerating to their original position in impacts at up to 4 km/h		■	Composite	l/100 km	14,8
Seat belts:			CO ₂ emissions	g/km	357
– Inertia-reel seat belts at the front with pyrotechnical belt latch tensioner, belt force limiter and belt retainer		■	For more information on the official fuel consumption and CO ₂ emissions of new passenger cars, see the "Guidelines on fuel consumption and CO ₂ emissions". The booklet is sold at petrol stations, and can be obtained free of charge at the DAT (German Automobile Trust GmbH), Helmut-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen .		
– Ergonomic belt system at the rear with three-point belts on all seats		■			
– Belt height adjustment on the B-pillar		■			
Two-stage brake lights		■			
Tyre Defect Indicator		■			
Xenon lights for low and high beams , incl dynamic headlight range control		■			

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Interior equipment	M5	Interior equipment	M5
Armrest at the front	■	Steering wheel:	
Automatic air conditioning (incl AAR, mist and solar sensor)	■	– M leather steering wheel with SMG paddles, multifunction control, and MDrive button	■
Car/Key Memory	■	Sunblind on the rear window , electrical	□
Check/Control	■	Sunblind on the rear window , electrical, with manually operated sunblinds on rear side windows	□
Child seat fastening ISOFIX	■	Telephones:	
Climate comfort composite glass	□	– Car telephone Professional, cordless, incl aerial	□
Cruise control	■	– Mobile phone, prepared for, with Bluetooth interface	□
Cupholders at the front	■	TV function (in conjunction with navigation system Professional)	□
Digital clock	■	Twin-tone horn	■
Door cutout trim with chrome inserts	■	Upholstery:	
Follow-me-Home function	■	– Full Merino leather upholstery	□
Footmats in velour	■	– Full Merino leather upholstery, perforated ¹	□
Glass roof , electrical, with sliding and vent function	□	– Merino leather	■
Glove compartment , illuminated, lockable	■	Warning triangle and first-aid kit	■
Head-Up Display with additional M-specific display function (dynamic engine speed range, Shift Lights, gear in mesh, road speed)	■	Window lifts front and rear , electrical, with open/close fingertip control at the front, trap release and comfort locking function	■
HiFi loudspeaker system	□		
HiFi system Professional LOGIC 7	□	Exterior equipment	M5
Indirect illumination (night design)	■	Chrome Line exterior	□
Info Display with permanent, white-illuminated displays for road speed, engine speed, fuel level and oil temperature	■	Direction indicator lights, white	■
Interior lights with automatic function, “soft” switch-on/off	■	Heat-insulating glass all-round , green, with laminated windscreen	■
LIGHTS-ON warning	■	Garage gate opener, universal	□
Navigation system Business	□	Metallic paintwork	■
Navigation system Professional with voice entry function	□	M rear spoiler	□
No-smoker package	■	Remote control , key with automatically re-charging battery	■
On-board computer incl outside temperature display	■	Sun protection glass	□
Radios/audio equipment:		Wheels:	
– CD changer	□	– BMW light-alloy wheels in M radial-spoke design, 19-inch	■
– Radio BMW Business CD	■		
– Radio BMW Professional	□		
Roof lining in Alcantara (Anthracite)	□		
Seats:			
– Lumbar support	□		
– M multifunction seats ¹ with active seat backrest and width adjustment, incl lumbar support	□		
– M sports seats at the front with electrical backrest angle and width adjustment, adjustment for length and height, adjustment of thigh support, driver’s seat incl angle adjustment and memory function	■		
– Seat heating for driver and front passenger	■		
– Seat heating for rear seats	□		
Service Interval Indicator	■		
Ski-bag	□		
Smoker package	□		

¹ Scheduled for introduction in the 1st quarter 2005.

■ Standard □ Optional

All options and special equipment presented in this catalogue are available ready-fitted from the factory. For any further wishes, contact your BMW partner for a comprehensive accessories catalogue.

Should you have even more specific requests regarding your BMW, BMW Individual will be glad to help, offering virtually any feature you would like to have. So just contact your BMW partner, who will be happy to advise.

Specifications

Weight		M5
Unladen, EU ¹	kg	1830
Max permissible	kg	2300
Max load	kg	470
Max axle load, front/rear	kg	1090/1270

Performance		
Top speed	km/h	250 ²
Acceleration 0–100 km/h	sec	4.7
Acceleration 0–1000 m	sec	22.7

Wheels	
Tyre dimensions, front/rear	255/40 ZR 19 / 285/35 ZR 19
Rim dimensions, front/rear	8.5 J x 19 EH 2 / 9.5 J x 19 EH 2
Material	Light alloy

Power unit³		M5
Cylinders/valves		10/4
Capacity	cc	4999
Stroke/bore	mm	75.2/92.0
Max output/speed	kW (bhp)/rpm	373 (507)/7750
Max torque/speed	Nm/lb-ft/rpm	520/383/6100
Compression ratio	:1	12.0

Fuel consumption^{3,4}		
Urban/extra-urban/composite	ltr/100 km	22.7/10.2/14.8
CO ₂ emissions	g/km	357
Tank capacity, approx	ltr	70

Electrical system		
Battery capacity	Ah	90
Alternator output	A	170

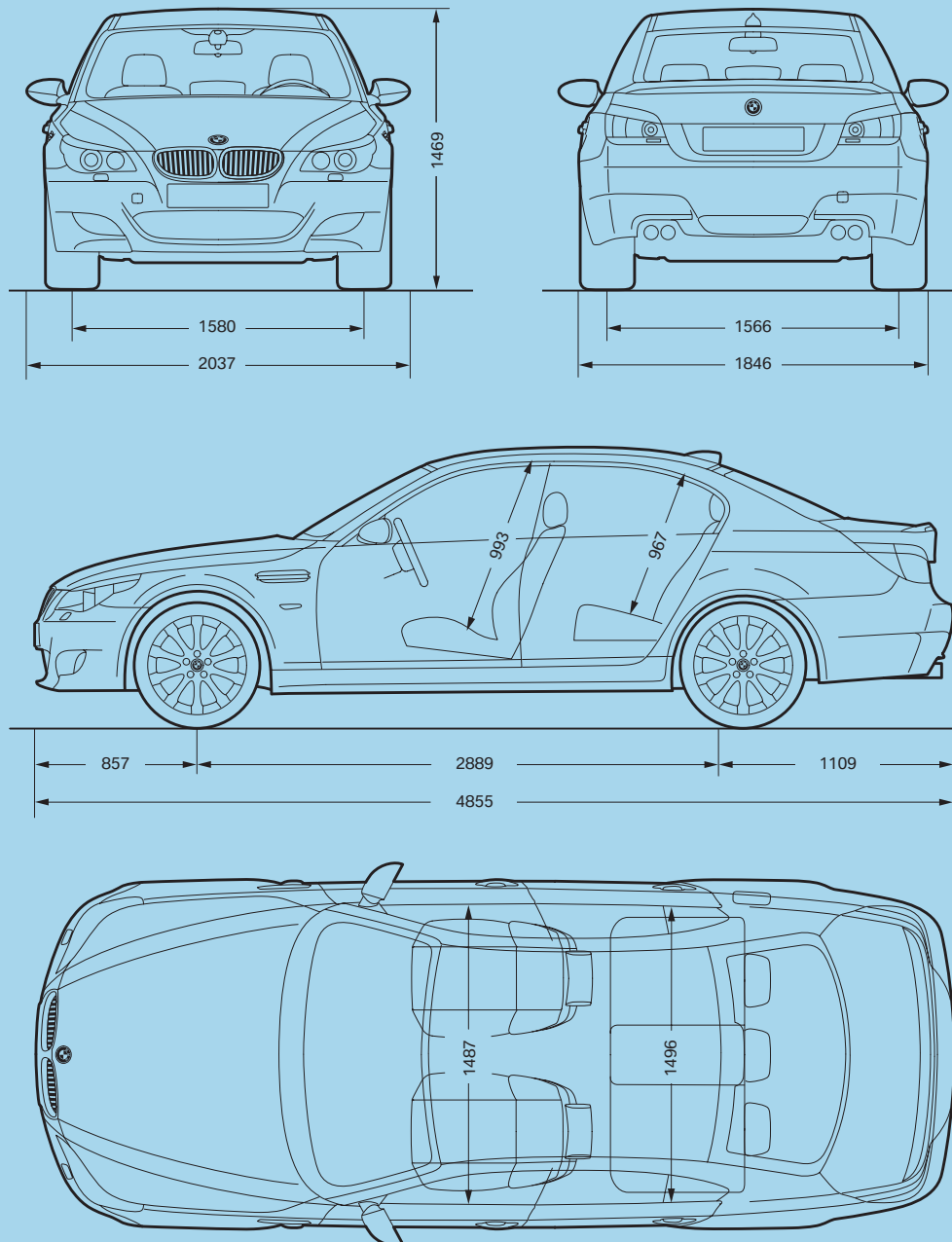
¹ The figure specified includes a 90% tank filling plus 68 kg for the driver and 7 kg for luggage. Unladen weight applies to vehicles with standard equipment. Options and special equipment may increase this figure.

² Electronically cut off.

³ The engine of the BMW M5 is designed for RON 98 fuel. Use of RON 95 or 91 fuel reduces engine output and increases fuel consumption.

⁴ The engine of the BMW M5 fulfils the EU4 emission standard. Fuel consumption is determined in the ECE driving cycle made up of approximately one-third urban and two-thirds overland driving (measured in terms of mileage covered). CO₂ emissions are measured in addition to fuel consumption.

Specifications | Cutaway drawing



All dimensions of technical drawings in millimetres. Luggage compartment capacity 500 litres (measured to VDA standard).

The models illustrated in this brochure show the specifications for the German market. In part, they include optional equipment and accessories not fitted as standard. According to the specific requirements of other markets, alterations in models, standard and optional

equipment, as described in the text and illustrations, may occur. For precise information, please contact your BMW partner. Subject to change in design and equipment. Subject to error.

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