



2/2012

Valid from  
4/2012

<b>BMW X5 M50d</b>	
<b>Body</b>	
No. of doors/seats	5 / 5 (7) <sup>1)</sup>
Length/width/height (unladen)	4857 / 2010 / 1766
Wheelbase	2933
Track, front/rear	1644 / 1706
Turning circle	12.8
Tank capacity	approx. l 85
Cooling system incl heating	l 13.0
Engine oil <sup>2)</sup>	L 6.5
Weight, unladen, to DIN/EU	Kg 2150 / 2225
Max load to DIN	kg 680
Max permissible weight	kg 2830
Max axle load, front/rear	kg 1340 / 1555
Max trailer load, braked (12%)/unbraked	kg 3500 / 750
Max roof load/towbar download	
Luggage comp capacity	l 620-1750
Air drag	c <sub>x</sub> x A 0.38 x 2.87
<b>Engine</b>	
Configuration/No of cyls/valves	R / 6 / 4
Engine technology	M Performance TwinPower Turbo technology with three turbochargers, multi-stage charging and variable turbine geometry, common-rail direct injection (max pressure: 2200 bar)
Effective capacity	cm <sup>3</sup> 2993
Stroke/bore	mm 90.0 / 84.0
Compression ratio	:1 16.0
Fuel grade	diesel
Output	kW/hp 280 / 381
at	min <sup>-1</sup> 4000-4400
Torque	Nm 740
at	min <sup>-1</sup> 2000-3000
<b>Electrical system</b>	Ah/- 90 / luggage comp
Battery/Installation	A/W 180 / 2520
Alternator	
<b>Driving dynamics and safety</b>	
	Double track control arm with M-specific elastokinematics, damping and suspension tuning, small, negative steering roll radius, anti-dive
Suspension, front	Integral-IV rear axle with M-specific elastokinematics, damping and suspension tuning, spatial suspension with anti-squat and anti-dive, air suspension with automatic self-levelling
Suspension, rear	Twin-piston fixed-calliper disc brakes
Brakes, front	mm 385 x 36 / vented
Diameter	Single-piston fixed-calliper disc brakes
Brakes, rear	mm 345 x 24 / vented
Diameter	Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant; DSC linked with xDrive all-wheel drive through ICM (Integrated Chassis Management), ADB-X (Automatic Differential Brake), HDC (Hill Descent Control), optional: Adaptive Drive
Driving stability systems	Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, crash-activated head restraints at the front, three-point inertia-reel seatbelts on all seats with belt latch tensioner, belt force limiter and belt stopper at the front, crash sensors, rollover sensors, Tyre Defect Indicator
Safety equipment	Hydraulic rack-and-pinion steering with M-specific Servotronic function
Steering	:1 19.5
Steering ratio, overall	255/50 R19 107V RSC / 285/45 R19 111V RSC
Tyres, front/rear	9J x 19 LM / 10J x 19 LM

# Specifications BMW X5.

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### BMW ConnectedDrive

Convenience	Optional: BMW Assist incl. Enquiry Service, remote-control functions, Real-Time Traffic Information, BMW TeleServices, integration of mobile devices
Infotainment	Optional: internet access, BMW Online incl. Park Info, National Info, Google Local Search, News, Realtime Weather, BMW Routes, Office functions, Bluetooth Audio Streaming, Online Update Music Tracks, Apps
Safety	Optional: Adaptive Headlights, High Beam Assistant, Park Distance Control, Side View, rear-view camera with Top View, Head-Up Display, Active Cruise Control with Stop & Go function, Lane Departure Warning, Speed Limit Info, Automatic/Advanced Emergency Call

### Transmission

Type of gearbox	Eight-speed automatic with Steptronic		
Gear ratios	I	:1	4.714
	II	:1	3.143
	III	:1	2.106
	IV	:1	1.667
	V	:1	1.285
	VI	:1	1.000
	VII	:1	0.839
	VIII	:1	0.667
	R	:1	3.317
Final drive		:1	3.154

### Performance

Power-to-weight ratio (DIN)	kg/kW	7.7
Output per litre	kW/l	93.6
Acceleration	0–100 km/h	s
	0–1000 m	s
Top speed	km/h	250

### Offroad specifications

Overhang angle, front/rear	°	25.5 / 22.7
Ramp angle	°	19.8
Ground clearance unladen	mm	222
Fording depth (at 7 km/h)	mm	500

### BMW EfficientDynamics

BMW EfficientDynamics standard features	Brake Energy Regeneration, on-demand operation of ancillary units, intelligent lightweight construction, active air flap control, detachable a/c compressor
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### Fuel consumption EU

Urban	l/100km	8.8
Extra-urban	l/100km	6.8
Combined	l/100km	7.5
CO <sub>2</sub>	g/km	199
Emission rating		EU5

Specifications apply to ACEA markets; data relevant to homologation applicable in part only to Germany (weight)

<sup>1)</sup> With optional 3rd row of seats

<sup>2)</sup> Oil change