

Specifications BMW X5 M.



BMW X5 M		
Body		
No of doors / seats		5 / 5
Length/width/height (unladen)	mm	4851 / 1994 / 1764 ¹⁾
Wheelbase	mm	2933
Track, front/rear	mm	1660 / 1672
Turning circle	m	12.8
Tank capacity	approx ltr	85
Cooling system incl heater	ltr	17.0
Engine oil ²⁾	ltr	8.5
Weight, unladen, to DIN/EU	kg	2305 / 2380
Max load to DIN	kg	600
Max permissible	kg	2905
Max axle load, front/rear	kg	1400 / 1560
Max trailer load (12%), braked/unbraked	kg	3000 / 750
Max roofload/max towbar downld	kg	100 / 120
Luggage capacity	ltr	620 – 1750
Air resistance	C _D x A	0.38 x 2.90
Engine		
Config/No of cyls/valves		V90/8 / 4
Engine technology		M TwinPower Turbo Technology with exhaust gas manifold connecting both rows of cylinders, Twin Scroll Twin Turbo technology. High Precision Injection, double-VANOS
Capacity, effective	cc	4395
Stroke / bore	mm	88.3 / 89.0
Compression ratio	:1	9.3
Fuel grade		min RON 95
Max output	kW/hp	408 / 555
at	rpm	6000
Max torque	Nm/lb-ft	680 / 501
at	rpm	1500 – 5650
Electrical System		
Battery/installation	Ah/–	90 / luggage comp
Alternator	A/W	210 / 2940
Driving Dynamics and Safety		
Suspension, front		Double wishbone axle with M-specific elastokinematics; small, negative steering roll radius, anti-dive
Suspension, rear		Integral-IV rear axle with M-specific elastokinematics, multi-dimensional suspension, anti-squat and anti-dive, air suspension with automatic ride height control
Brakes, front		Four-piston swing-calliper disc brakes
Diameter	mm	395 x 36, vented
Brakes, rear		Single-piston swing-calliper disc brakes
Diameter	mm	385 x 24, vented
Driving stability systems		Standard: DSC incl ABS and M Dynamic Mode, CBC Cornering Brake Control, DBC Dynamic Brake Control, ADB-X electronic differential lock, Dry Braking, Fading Compensation, Start-Off Assistant; Dynamic Stability Control interacting with xDrive all-wheel drive system, Dynamic Performance Control, HDC Hill Descent Control, Adaptive Drive
Safety features		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, crash-activated headrests at the front, three-point inertia-reel seat belts on all seats, with belt latch tensioners, belt force limiters and belt stoppers at the front, crash sensors, rollover sensors, Tyre Defect Indicator
Steering		Rack-and-pinion steering, power-assisted, with M-specific Servotronic function
Steering transmission ratio,	:1	19.5
Tyres, front/rear		275/40 R20 106Y XL RSC / 315/35 R20 110Y XL RSC
Wheels, front/rear		10J x 20 light-alloy / 11J x 20 light-alloy

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BMW ConnectedDrive			
Comfort		Optional: BMW Assist including features such as Enquiry Service, remote-control functions and Real-Time Traffic Information, BMW TeleServices, integration of mobile devices	
Infotainment		Optional: access to the internet, BMW Online including Parkinfo, National Info, Google Directory Search, news, weather in real time, office functions, BMW Routes, Bluetooth audio streaming, online music title update, Apps	
Safety		Standard: Adaptive Headlights with Bending Lights, Park Distance Control, Head-Up Display, cruise control with brake function; optional: back-up camera with Top View, Side View, Speed Limit Info, High-Beam Assistant, Automatic/Enhanced Emergency Call	
Transmission			
Type of transmission		Six-speed M automatic sports gearbox with Steptronic, electronic gearshift lever and shift paddles on the steering wheel	
Gear ratios	I	:1	4.171
	II	:1	2.340
	III	:1	1.521
	IV	:1	1.143
	V	:1	0.867
	VI	:1	0.691
	R	:1	3.403
Final drive		:1	3.909
Performance			
Power-to-weight ratio		kg/kW	5.6
Output per litre		kW/hp	92.8 / 126.2
Acceleration	0–100 km/h	sec	4.7
	0–200 km/h	sec	16.9
	Standing-start	sec	23.5
In fourth/fifth gear	80–120	sec	4.3 / 5.1
Top speed		km/h	250 (275) ⁻³⁾
Offroad characteristics			
Overhang angle, front/rear		°	22 / 21.5
Ramp angle		°	18.6
Ground clearance, unladen		mm	207
BMW EfficientDynamics			
BMW EfficientDynamics, standard features		Brake Energy Regeneration, on-demand control of ancillary units, intelligent lightweight construction, detachable a/c compressor, anti-roll stability control with on-demand pump action	
Fuel Consumption in EU Cycle			
Urban		ltr/100km	19.3
Extra-urban		ltr/100km	10.8
Combined		ltr/100km	13.9
CO ₂		g/km	325
Emission rating			EU5

Specifications apply to ACEA markets/homologation-relevant data apply in part only to Germany (weight)

¹⁾ Height without roof aerial: 1726 mm

²⁾ Oil change

³⁾ In conjunction with optional M Driver's Package