

Technical specifications.

BMW X3.

X3 30e xDrive.



BMW X3 30e xDrive		
Body		
No. of doors / seats		5 / 5
Length/width/height (unladen)	mm	4755 / 1920 / 1660
Wheelbase	mm	2865
Track, front/rear	mm	1614 / 1659
Turning circle	m	12.2
Fuel tank capacity	approx. l	50
Engine oil ¹⁾	l	5.25
Weight, unladen, to DIN/EU	kg	2065 / 2140
Max. load to DIN	kg	645
Max. permissible weight	kg	2710
Max. axle load, front/rear	kg	1195 / 1590
Max. trailer load, braked (12%)/unbraked	kg	2000 / 750
Max. roofload/towbar download	kg	100 / 100
Luggage comp. capacity	l	460 – 1600
Air resistance	c _x x A	0.27 x 2.66
Power Unit		
Drive concept		Full hybrid drive, drive torque from one or both units transmitted to all four wheels via BMW xDrive
Max. system output ²⁾	kW/hp	220 / 299
Max. system torque ²⁾	Nm	450
System power-to-weight ratio (DIN)	kg/kW	9.4
Petrol Engine		
Config./No. of cyls./valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: TwinScroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	cc	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.6
Fuel		Min. RON 91
Max. output	kW/hp	140 / 190
at	rpm	4400 – 6500
Max. torque	Nm	310
at	rpm	1500 – 4000
Output per litre	kW/l	70.1
Electric Motor		
Motor technology		BMW eDrive technology: synchronous electric motor integrated into eight-speed Steptronic transmission, generator function for recuperating energy for the high-voltage battery
Max. output	kW/hp	135 / 184
at	rpm	7000
Max. torque	Nm	250
at	rpm	100 – 5500
Effective torque resulting from pre-gearing	Nm	400
High-voltage Battery		
Storage technology / installation		Lithium-ion / underneath rear seats
Voltage	V	392
Energy capacity (net)	kWh	19.7
Charging time, 0-100% charge		2h 15m at 11.0 kW (16 A / 230 V)
Transmission		
Type of transmission		Eight-speed Steptronic transmission
Gear ratios	I :1	5.500
	II :1	3.520
	III :1	2.200
	IV :1	1.720
	V :1	1.301
	VI :1	1.000
	VII :1	0.833
	VIII :1	0.640
	R :1	4.543
Final drive	:1	3.385

BMW X3 30e xDrive

Driving Dynamics and Safety

Suspension, front	Double-joint spring strut axle in lightweight aluminium construction	
Suspension, rear	Five-link axle in lightweight aluminium-steel construction, dual elastic bearing	
Brakes, front	Vented disc brakes, with single-piston floating callipers	
Brakes, rear	Vented disc brakes, with single-piston floating callipers	
Driving stability systems	Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant, xDrive all-wheel-drive system networked with DSC; optional: M Sport suspension, adaptive suspension	
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and front passenger, interaction airbag between driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats, belt force limiters in the front, belt tensioners in the front and on the outer rear seats, crash sensors, tyre pressure indicator	
Steering	Electric Power Steering (EPS) with Servotronic function; optional: sport steering	
Steering ratio, overall	:1	15.7
Tyres, front/rear	245/50 R19 105Y XL	
Rims, front/rear	8.5J x 19 light-alloy	

Off-road Characteristics

Angle of approach/departure	°	20.8 / 21.9
Breakover angle	°	18.8
Ground clearance (unladen)	mm	208

Performance

Acceleration 0–100 km/h	s	6.2
Top speed	km/h	215
Top speed (electric)	km/h	140
Electric range (WLTP)	km	81 – 90

BMW EfficientDynamics

BMW EfficientDynamics standard features	BMW eDrive technology, Electric Power Steering, hybrid-specific Automatic Start/Stop function, Optimum Shift Indicator in manual shift mode, coasting function, Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, electric a/c compressor, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance	
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Fuel Consumption ECE

Fuel consump. weighted comb. (WLTP)	l/100 km	1.1 – 0.9
CO ₂ emissions from fuel (WLTP)	g/km	26 – 21
Elec. power cons. weighted comb. (WLTP)	kWh/100 km	24.0 – 22.3
Fuel consump. with battery empty (WLTP)	l/100 km	7.9 – 7.2
Emission rating	Euro 6e	
CO ₂ class(es) weighted comb.	B	
CO ₂ class(es) with battery empty	G – F	

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)
All figures relating to performance, fuel/electric power consumption and emissions are provisional.

¹⁾ Oil change

²⁾ Developed by the combination of the combustion engine (stated nominal figure) and the electric motor (up to stated nominal figure)

Official fuel consumption, CO₂ emissions, electric power consumption and electric range figures were determined based on the prescribed measurement procedure in accordance with European Regulation (EC) 2007/715 in the version applicable. Where a range is shown, the WLTP figures take into account the impact of any optional extras.

Further information on the WLTP measurement procedures can also be found at www.bmw.de/wltp.

BMW X3. X3 20 xDrive.

BMW X3 20 xDrive		
Body		
No. of doors / seats		5 / 5
Length/width/height (unladen)	mm	4755 / 1920 / 1660
Wheelbase	mm	2865
Track, front/rear	mm	1636 / 1681
Turning circle	m	12.2
Fuel tank capacity	approx. l	65
Engine oil ¹⁾	l	5.25
Weight, unladen, to DIN/EU	kg	1855 / 1930
Max. load to DIN	kg	645
Max. permissible weight	kg	2500
Max. axle load, front/rear	kg	1160 / 1430
Max. trailer load		
braked (12%/unbraked)	kg	2400 / 750
Max. roofload/towbar download	kg	100 / 100
Luggage comp. capacity	l	570 – 1700
Air resistance	cx x A	0.27 x 2.66
Power Unit		
Engine technology		BMW TwinPower Turbo technology: turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing, 48V mild hybrid technology using an electric motor integrated into the transmission
Max. output, overall ²⁾	kW/hp	153 / 208
Max. torque, overall ²⁾	Nm	330
Combustion Engine		
Config./No. of cyls./valves		In-line / 4 / 4
Effective capacity	cc	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.6
Fuel		Min. RON 91
Nominal power	kW/hp	140 / 190
at	rpm	4400 – 6500
Nominal torque	Nm	310
at	rpm	1500 – 4000
Output per litre	kW/l	70.1
Electric Motor		
Nominal power	kW/hp	13 / 18
Nominal torque	Nm	200
Electrical System		
12V battery/installation	Ah/–	70 / engine compartment
48V battery/installation	Ah/–	20 / luggage compartment
Driving Dynamics and Safety		
Suspension, front		Double-joint spring strut axle in lightweight aluminium construction
Suspension, rear		Five-link axle in lightweight aluminium-steel construction, dual elastic bearing
Brakes, front		Vented disc brakes, with single-piston floating callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant, xDrive all-wheel-drive system networked with DSC; optional: M Sport suspension, adaptive suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, interaction airbag between driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats, belt force limiters in the front, belt tensioners in the front and on the outer rear seats, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS) with Servotronic function; optional: sport steering
Steering ratio, overall	:1	15.7
Tyres, front/rear		225/60 R18 104Y XL
Rims, front/rear		8J x 18 light-alloy

BMW X3 20 xDrive

Transmission

Type of transmission	Eight-speed Steptronic transmission		
Gear ratios	I	:1	5.250
	II	:1	3.360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Final drive		:1	3.385

Off-road Characteristics

Angle of approach/departure	°	20.6 / 22.0
Breakover angle	°	18.7
Ground clearance (unladen)	mm	216

Performance

Power-to-weight ratio (DIN)	kg/kW	12.1
Acceleration 0–100 km/h	s	7.8
Top speed	km/h	215

BMW EfficientDynamics

BMW EfficientDynamics standard features	48V mild hybrid technology, Brake Energy Regeneration with recuperation display, Automatic Start/Stop function, coasting function, Proactive Driving Assistant, Optimum Shift Indicator in manual shift mode, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, electric a/c compressor, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance
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Fuel Consumption ECE

Combined (WLTP)	l/100 km	7.6 – 6.9
CO ₂ (WLTP)	g/km	172 – 156
Emission rating		Euro 6e
CO ₂ class(es)		F

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¹⁾ Oil change

²⁾ Developed by the combination of the combustion engine (stated nominal figure) and the electric motor (up to stated nominal figure)

Official fuel consumption, CO₂ emissions, electric power consumption and electric range figures were determined based on the prescribed measurement procedure in accordance with European Regulation (EC) 2007/715 in the version applicable. Where a range is shown, the WLTP figures take into account the impact of any optional extras.

Further information on the WLTP measurement procedures can also be found at www.bmw.de/wltp.

BMW X3. X3 M50 xDrive.

BMW X3 M50 xDrive		
Body		
No. of doors / seats		5 / 5
Length/width/height (unladen)	mm	4755 / 1920 / 1660
Wheelbase	mm	2865
Track, front/rear	mm	1622 / 1623
Turning circle	m	12.2
Fuel tank capacity	approx. l	65
Engine oil ¹⁾	l	6.75
Weight, unladen, to DIN/EU	kg	1980 / 2055
Max. load to DIN	kg	645
Max. permissible weight	kg	2625
Max. axle load, front/rear	kg	1240 / 1465
Max. trailer load		
braked (12%/unbraked)	kg	2500 / 750
Max. roofload/towbar download	kg	100 / 100
Luggage comp. capacity	l	570 – 1700
Air resistance	cx x A	0.28 x 2.66
Power Unit		
Engine technology		BMW TwinPower Turbo technology: turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing, 48V mild hybrid technology using an electric motor integrated into the transmission
Max. output, overall ²⁾	kW/hp	293 / 398
Max. torque, overall ²⁾	Nm	580
Combustion Engine		
Config./No. of cyls./valves		In-line / 6 / 4
Effective capacity	cc	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		Min. RON 91
Nominal power	kW/hp	280 / 381
at	rpm	5200 – 6250
Nominal torque	Nm	540
at	rpm	1900 – 4800
Output per litre	kW/l	93.4
Electric Motor		
Nominal power	kW/hp	13 / 18
Nominal torque	Nm	200
Electrical System		
12V battery/installation	Ah/–	70 / engine compartment
48V battery/installation	Ah/–	20 / luggage compartment
Driving Dynamics and Safety		
Suspension, front		Double-joint spring strut axle in lightweight aluminium construction, M-specific elastokinematics
Suspension, rear		Five-link axle in lightweight aluminium-steel construction, dual elastic bearing, M-specific elastokinematics
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant, xDrive all-wheel-drive system networked with DSC, M Sport suspension; optional: adaptive M suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, interaction airbag between driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats, belt force limiters in the front, belt tensioners in the front and on the outer rear seats, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS), sport steering with Servotronic function
Steering ratio, overall	:1	15.8
Tyres, front/rear		255/45 R20 105Y XL / 285/40 R20 108Y XL
Rims, front/rear		9J x 20 light-alloy / 10.5J x 20 light-alloy

BMW X3 M50 xDrive			
Transmission			
Type of transmission	Eight-speed Steptronic transmission		
Gear ratios	I	:1	5.250
	II	:1	3.360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Final drive		:1	3.385
Off-road Characteristics			
Angle of approach/departure		°	20.6 / 22.0
Breakover angle		°	18.7
Ground clearance (unladen)		mm	216
Performance			
Power-to-weight ratio (DIN)		kg/kW	6.8
Acceleration 0–100 km/h		s	4.6
Top speed		km/h	250
BMW EfficientDynamics			
BMW EfficientDynamics standard features	48V mild hybrid technology, Brake Energy Regeneration with recuperation display, Automatic Start/Stop function, coasting function, Proactive Driving Assistant, Optimum Shift Indicator in manual shift mode, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, electric a/c compressor, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance		
Fuel Consumption ECE			
Combined (WLTP)		l/100 km	8.3 – 7.7
CO ₂ (WLTP)		g/km	189 – 175
Emission rating			Euro 6e
CO ₂ class(es)			G – F

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¹⁾ Oil change

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Official fuel consumption, CO₂ emissions, electric power consumption and electric range figures were determined based on the prescribed measurement procedure in accordance with European Regulation (EC) 2007/715 in the version applicable. Where a range is shown, the WLTP figures take into account the impact of any optional extras.

Further information on the WLTP measurement procedures can also be found at www.bmw.de/wltp.

BMW X3. X3 20d xDrive.

BMW X3 20d xDrive		
Body		
No. of doors / seats		5 / 5
Length/width/height (unladen)	mm	4755 / 1920 / 1660
Wheelbase	mm	2865
Track, front/rear	mm	1636 / 1681
Turning circle	m	12.2
Fuel tank capacity	approx. l	60
Engine oil ¹⁾	l	5.5
Weight, unladen, to DIN/EU	kg	1890 / 1965
Max. load to DIN	kg	645
Max. permissible weight	kg	2535
Max. axle load, front/rear	kg	1180 / 1450
Max. trailer load braked (12%/unbraked)	kg	2500 / 750
Max. roofload/towbar download	kg	100 / 100
Luggage comp. capacity	l	570 – 1700
Air resistance	cx x A	0.28 x 2.66
Power Unit		
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, high- and low-pressure turbochargers with variable intake geometry, common-rail direct injection with solenoid injectors (max. injection pressure: 2500 bar), 48V mild hybrid technology
Max. output, overall ²⁾	kW/hp	145 / 197
Max. torque, overall ²⁾	Nm	400
Combustion Engine		
Config./No. of cyls./valves		In-line / 4 / 4
Effective capacity	cc	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Nominal power	kW/hp	145 / 197
at	rpm	4000
Nominal torque	Nm	400
at	rpm	1500 – 2750
Output per litre	kW/l	72.7
Electric Motor		
Nominal power	kW/hp	8 / 11
Nominal torque	Nm	25
Electrical System		
12V battery/installation	Ah/–	70 / engine compartment
48V battery/installation	Ah/–	20 / luggage compartment
Driving Dynamics and Safety		
Suspension, front		Double-joint spring strut axle in lightweight aluminium construction
Suspension, rear		Five-link axle in lightweight aluminium-steel construction, dual elastic bearing
Brakes, front		Vented disc brakes, with single-piston floating callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant, xDrive all-wheel-drive system networked with DSC; optional: M Sport suspension, adaptive suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, interaction airbag between driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats, belt force limiters in the front, belt tensioners in the front and on the outer rear seats, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS) with Servotronic function; optional: sport steering
Steering ratio, overall	:1	15.7
Tyres, front/rear		225/60 R18 104Y XL
Rims, front/rear		8J x 18 light-alloy

BMW X3 20d xDrive			
Transmission			
Type of transmission	Eight-speed Steptronic transmission		
Gear ratios	I	:1	5.250
	II	:1	3.360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Final drive		:1	3.231
Off-road Characteristics			
Angle of approach/departure		°	20.6 / 22.0
Breakover angle		°	18.7
Ground clearance (unladen)		mm	216
Performance			
Power-to-weight ratio (DIN)		kg/kW	13.0
Acceleration 0–100 km/h		s	7.7
Top speed		km/h	215
BMW EfficientDynamics			
BMW EfficientDynamics standard features	48V mild hybrid technology, Brake Energy Regeneration with recuperation display, Automatic Start/Stop function, coasting function, Proactive Driving Assistant, Optimum Shift Indicator in manual shift mode, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, electric a/c compressor, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter		
Fuel Consumption ECE			
Combined (WLTP)		l/100 km	6.5 – 5.8
CO ₂ (WLTP)		g/km	171 – 153
Emission rating	Euro 6e		
CO ₂ class(es)	F – E		

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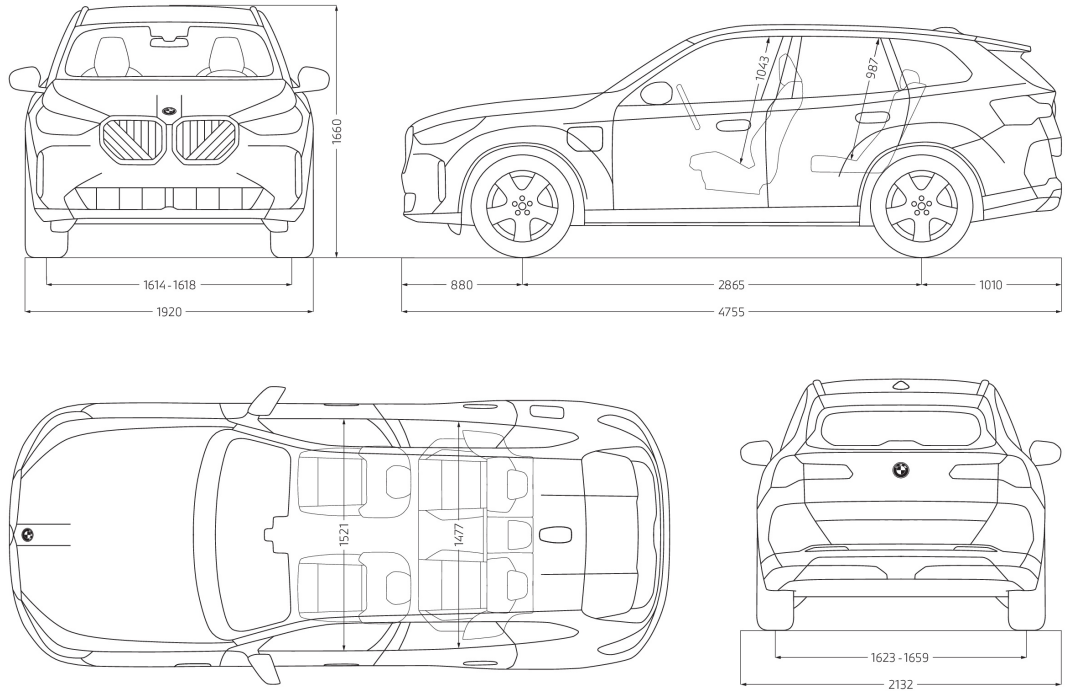
¹⁾ Oil change

²⁾ Developed by the combination of the combustion engine (stated nominal figure) and the electric motor (up to stated nominal figure)

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Exterior and interior dimensions. BMW X3. X3 30e xDrive.

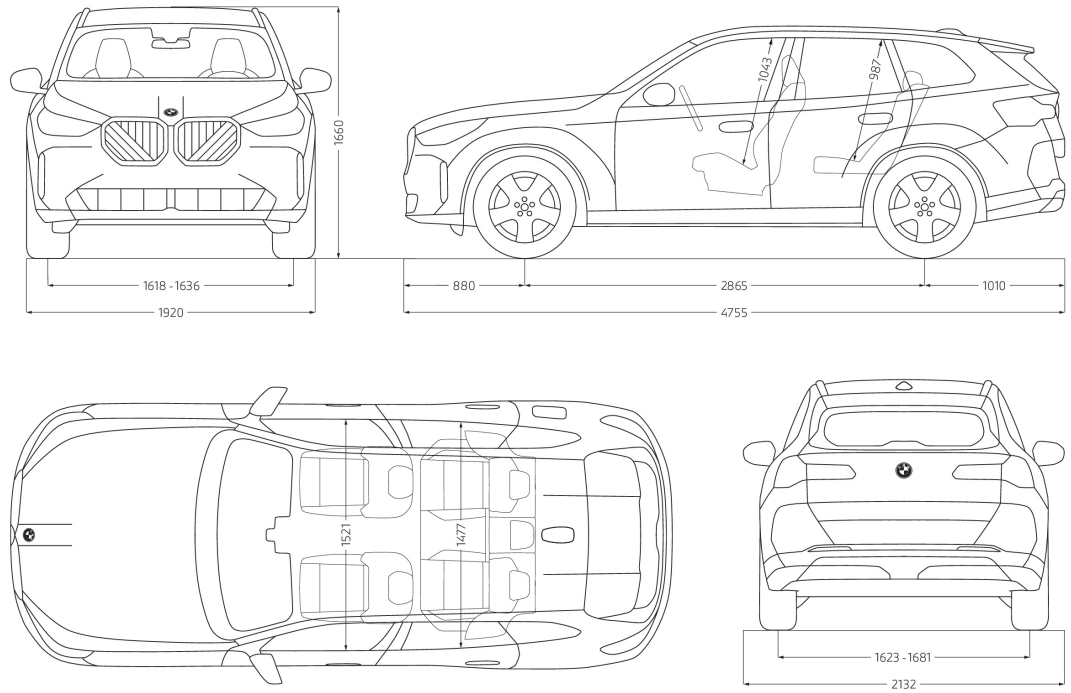


The dimensions indicated in the technical drawing are in millimetres and may vary depending on the model and the items of optional equipment fitted.

BMW X3.

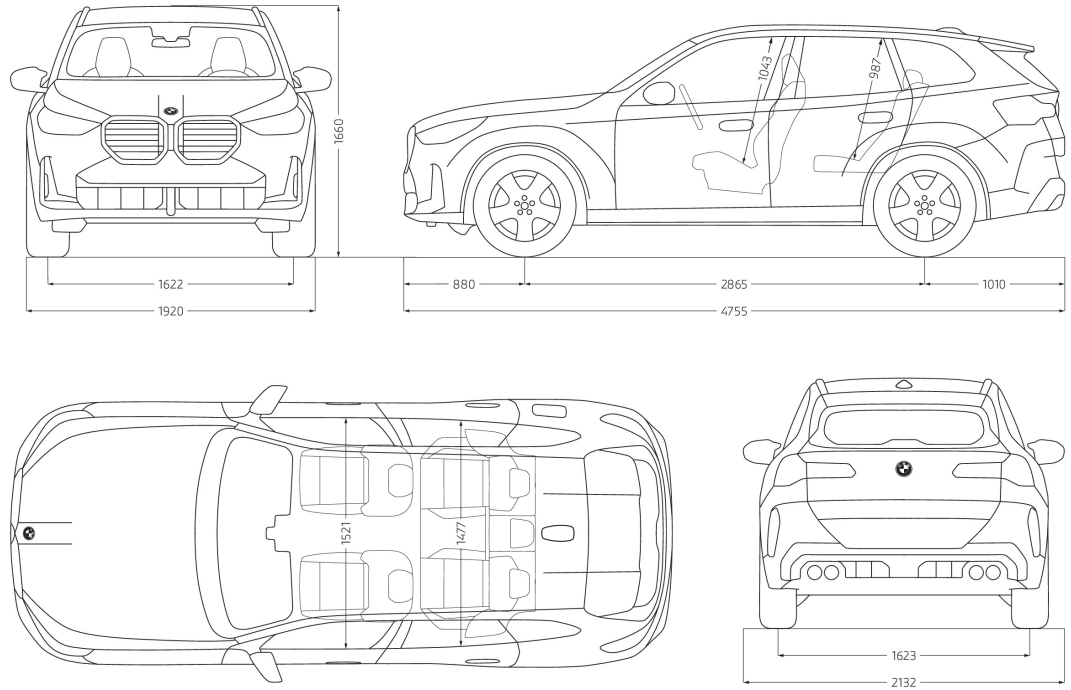
X3 20 xDrive.

X3 20d xDrive.



The dimensions indicated in the technical drawing are in millimetres and may vary depending on the model and the items of optional equipment fitted.

BMW X3. X3 M50 xDrive.



The dimensions indicated in the technical drawing are in millimetres and may vary depending on the model and the items of optional equipment fitted.