



BMW  
ALPINA  
**XD 3**  
BITURBO  
ALL-WHEEL DRIVE



MANUFACTURER OF  
EXCLUSIVE AUTOMOBILES







## *dynamic* EFFICIENCY

Besides the core competence of developing a small but fine selection of exclusive BMW ALPINA automobiles with the aim of delivering excellent comfort, performance and driving characteristics, ALPINA is also in a position to respond to very specific customer demands. BMW originally conceptualised and defined the term Sports Activity Vehicle, the success of which remains untamed. Superior seating position, representative looks, versatile dimensions,

dynamic handling and all-wheel drive – in short, the BMW X3 is an on-going success story.

Combined with the extraordinary straight six-cylinder diesel engine which in ALPINA guise delivers 350hp, logic defines that the result should be compelling. The new BMW ALPINA XD3 Bi-Turbo trumps with extraordinary performance and traction while maximising efficiency. It is intended for customers seeking the fastest diesel SUV available today.



## *precise* HANDLING, *maximum* TRACTION

Featuring electronically-adjustable dampers and Drive Performance Control, the X3 Bi-Turbo can transition effortlessly from cultivated luxury to thorough-bred sportiness. Light steering, comfortable suspension, a smooth transmission and BMW's excellent xDrive all-wheel drive system make it an ideal everyday partner – whatever the conditions. At the same time, the X3 Bi-Turbo will accelerate out of corners with such ferocity and traction, that powerful sporting saloons will find hard to beat.

The wheel and tyre set-up comprising 20" ALPINA The 20" CLASSIC wheels with MICHELIN Pilot Super Sport tyres are responsible for the agile and sure-footed handling of the X3 Bi-Turbo. The low-profile tyres, which forego run-flat technology for the sake of slow-speed damping, combine well with BMW's Variable Sport Steering to achieve precise turn-in. This can be further enhanced by means of an optional 21" ALPINA CLASSIC wheel and tyre set-up.



## *finely* PACKAGED

ALPINA typical design cues and aerodynamic refinements integrate seamlessly into the overall design of the XD3 Bi-Turbo and make for very powerful aesthetics. The dynamic front with ALPINA spoiler integrates functional air intakes for an optimum air flow to the coolers. The rear features ALPINA trademark double-ended tailpipes which are integrated into an ALPINA rear valance which has been constructed to allow the use of an optional towbar.

The comprehensive standard equipment level features leather upholstery, supportive sport seats, xenon headlights, cruise control and parking sensors. The hand-finished ALPINA LAVALINA sport steering wheel with blue/green stitching connects driver and car while the ALPINA instrument panel with black-panel LCD technology displays vital information, including a digital speed read-out and gear indicator. ALPINA door sills, floor mats and emblems in the seatbacks provide discreet hints to the XD3 Bi-Turbo's provenance. Optional interior trim finished in Alcantara with contrasting stitching offers an even more luxurious and sporty ambiance.

# POWERHOUSE

The drivetrain of the XD3 Bi-Turbo utilises the excellent attributes of the BMW full aluminum 3 litre straight six cylinder engine with modern common-rail direct injection and two turbochargers. ALPINA engineers have worked extensively on optimising many aspects of this powerhouse, including air-intake and cooling system in order to deliver unparalleled performance. In combination with the realisation of appropriate turbo charging and injection pressures this leads to a maximum output of 350hp at 4000rpm and 516lbs-ft of torque between 1500 and 3000rpm. The stainless steel exhaust system rear-section with two prominent double-ended tailpipes carries discrete ALPINA and Akrapovič lettering. Sound engineering and the reduction of silencer volumes has resulted in a sporting, throaty exhaust sound hitherto unheard of from diesel engines. The excellent ZF 8-Speed Sport-Automatic transmission provides unparalleled levels of both comfort and performance. In combination with the Sport setting of the Drive Performance Control which further sharpens suspension and transmission, the new XD3 Bi-Turbo will sprint from 0 to 100km/h in only 4,9s and reach a top speed of 157mph. Despite the engine's high specific power output of 117hp per litre, the XD3 Bi-Turbo achieves class-leading efficiency figures: 6.8l/100km (41.5mpg) and 180g/km CO<sub>2</sub> (Combined, measured according to ECE norm).









# TECHNICAL DATA

## BMW ALPINA XD3 BITURBO

Further information on specific fuel consumption and specific CO<sub>2</sub> emissions of new passenger cars is given in „Leitfaden über den Kraftstoffverbrauch, die CO<sub>2</sub>-Emissionen und den Stromverbrauch neuer Personenkraftwagen“ which can be obtained free of charge at all points of sale and from the 'Deutsche Automobil Treuhand GmbH (DAT), Helmut-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen'.

### ENGINE

Cylinders		6 in line
Capacity	cm <sup>3</sup>	2993
Bore	mm	84.0
Stroke	mm	90.0
Compression ratio	: 1	16.5
Max output	kW/hp	257/350
at	rpm	4000
Max torque	Nm/lbs-ft	700/516
at	rpm	1500-3000
Engine management		BOSCH DDE 7.31
Fuel type		Diesel
Emission classification		Euro 5

### PERFORMANCE

Acceleration 0-100km/h / 0-62mph	s	4.9
Acceleration 0-200km/h / 0-125mph	s	21.7
Top speed	mph / km/h	157 / 253

### FUEL CONSUMPTION

Urban	mpg / l/100km	36.2 / 7.8
Extra-urban	mpg / l/100km	44.8 / 6.3
Combined	mpg / l/100km	41.5 / 6.8
CO <sub>2</sub> emissions	g/km	180
Efficiency category		C



### TRANSMISSION

Gearbox	8-Speed Sport-Automatic (ZF 8HP70) with SWITCH-TRONIC			
Gearbox ratios	1st gear	4.71	5th gear	1.29
	2nd gear	3.14	6th gear	1.00
	3rd gear	2.11	7th gear	0.84
	4th gear	1.67	8th gear	0.67
	Reverse			3.32
	Final drive ratio	:1		2.81

### DIMENSIONS

Length	mm	4647
Width	mm	1901
Height, unladen	mm	1670
Wheelbase	mm	2810
Track, front	mm	1614
Track, rear	mm	1609
Luggage capacity (DIN)	l	550-1600
Fuel tank, approx.	l	67

### WHEELS & TYRES

ALPINA CLASSIC weight-optimised light alloy wheels, 20-spoke design with concealed tyre valves behind lockable hub caps, with MICHELIN Pilot Super Sport tyres:			
Front	8.5 x 20" with	255/40 ZR20 (101Y) EL	
EU-tyre label*		E/A/  71 dB	
Rear	9.5 x 20" with	285/35 ZR20 (104Y) EL	
EU-tyre label*		E/A/  73 dB	

### WEIGHT

Unladen (DIN)	kg	1900
Max permissible	kg	2440
Permitted load	kg	540
Max axle load, front	kg	1160
Max axle load, rear	kg	1320
Max trailer load, braked	kg	2400
Max trailer load, unbraked	kg	750

\*EU-tyre label = fuel efficiency/wet grip/external rolling noise class.

Modifications and errors excepted.



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ALPINA  
DEALERSHIPS

The models in this brochure may show the specification for the German market (LHD version). In part, they include optional equipment and accessories not fitted as standard. For precise information on model features and equipment, please contact your ALPINA dealer or importer. Subject to change in design and equipment. March 2013

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# ALPINA

## ALPINA RECYCLING

Your BMW ALPINA is part of an all-embracing recycling concept. Recycling demands are already considered early in the development process of a BMW ALPINA. An example of this is in the selection of materials – they are chosen, such that they are environmentally friendly and easily recyclable, using a minimum of resources to do so. Every BMW ALPINA is built so that it is easily and cost-effectively recyclable at the end of its useable life span. All this occurs in close co-operation between BMW and ALPINA. BMW Group have built a European-wide redemption and recycling infrastructure, and require high quality and environmental standards. For return of your automobile for the purposes of recycling, please contact your BMW ALPINA partner. They are ready to help. For further information about recycling firms and redemption locations, please see [www.bmw.com](http://www.bmw.com)



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