



BMW
ALPINA
B 3
BITURBO
SALOON
TOURING
ALL-WHEEL DRIVE



MANUFACTURER OF
EXCLUSIVE AUTOMOBILES

EFFICIENCY *meets* ...



... PERFORMANCE





BENCHMARK

The BMW ALPINA B3 Bi-Turbo represents the ultimate in performance, comfort, "driving culture" and efficiency. The straight-six 3.0 litre engine delivers 410hp and a maximum torque of 443lbs-ft. The adaptive ALPINA sport suspension system and the 8-Speed Sport-Automatic transmission with ALPINA SWITCH-TRONIC deliver maximum comfort and impressive dynamics. Functional aerodynamics combine well with the trademark 20" ALPINA

CLASSIC wheels and together with two elliptical double tailpipes create an elegant appearance.

The BMW ALPINA B3 Bi-Turbo accelerates from 0 - 62mph in just 4.2 seconds, reaching a top speed of 190mph. When driven moderately it sets standards in efficiency, achieving a class-leading combined fuel consumption measured to ECE norm of 37.2mpg and 177g/km CO₂, an improvement of 20%!

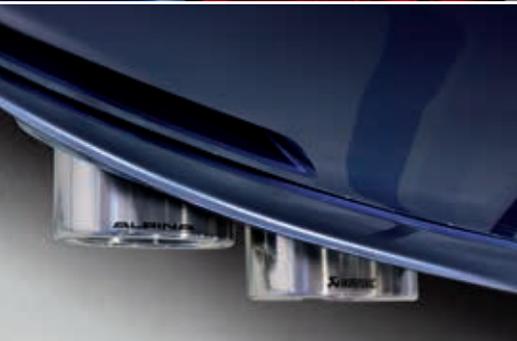


exclusive HERITAGE

The 20" ALPINA CLASSIC wheels look particularly striking and elegant, ensuring that the B3 Bi-Turbo has purposeful, powerful stance even when standing still. The fully functional ALPINA aerodynamic components fit perfectly into the modern design of the BMW 3 Series. The front spoiler ensures the effective flow of air to the cooling system and the brakes and in combination with the rear spoiler give the B3 Bi-Turbo excellent aerodynamic properties – the reduction of uplift to almost zero contributing significantly to high-speed stability.

The B3 Bi-Turbo comes with an extensive list of equipment as standard, including leather upholstery, electrically adjustable heated sports seats, automatic climate control, xenon headlights and multimedia navigation.

The interior is dominated by refined materials and offers an exclusive ambience. The door sills, floor mats, emblems in the seatbacks, instrumentation and a hand-stitched sports steering wheel in the finest LAVALINA leather make discreet references to the car's exclusive origins.



fascinating POWER

The B3 Bi-Turbo's high-tech engine has a very unique character and exhibits a number of stand-alone features. The goal of the engineers from Buchloe was to achieve excellent responsiveness, high output across the entire rpm range and class-leading fuel efficiency. The 'Bi-Turbo' engine configuration arose not only out of tradition - more to the point, this type of turbocharging has the advantage of providing very good response and pick-up due to the low mass moment inertia of the turbocharger's running gear and sufficient rate of air-flow for spontaneous power delivery. The 2979cc straight-six cylinder engine with high-precision direct injection, Valvetronic and Bi-Turbo charging delivers an impressive 410hp (301kW) between 5500 and 6250rpm and a maximum torque of 443lbs-ft at only 3000rpm. In fact 406lbs-ft are available across an impressively wide range between 2200 and 5200rpm. All this 'pulling power' is mated to the excellent ZF 8-Speed Sport-Automatic transmission and means that the new BMW ALPINA B3 Bi-Turbo is positively playful in every situation – its power can be called upon at all times in order to enjoy that typical ALPINA driving experience. The transmission excels in all disciplines and offers an optimum driving experience in every situation – impressing with super dynamics and incredible comfort. To this end, three shift modes are available: Automatic (D), Sport (S) and Manual (M).

acoustic ENJOYMENT

The stainless steel exhaust system has been developed in cooperation with Akrapovič. Despite the two impressive double tailpipes the system is in fact 7.5kg lighter than before. The resonant, sporty sound of the exhaust system is controlled by an intelligent exhaust valve. This offers the driver the possibility to influence the sound experience via the Drive Performance Control and facilitates the balancing act between emotional soundtrack and long-distance comfort. In Comfort mode the exhaust valve remains closed up to 2500rpm, beyond which it opens depending on engine load and rpm. In Sport mode, however, the valve is permanently open and the B3 Bi-Turbo thrills with its distinctive aural character under hard acceleration – when additionally selecting Sport (S) or Manual (M) Shift Mode the exhaust will deliver an satisfactory burble on the overrun.





sharp HANDLING

The suspension set-up of the new B3 Bi-Turbo provides excellent ride-quality and comfort while simultaneously offering sharp and dynamic handling. The adaptive ALPINA sport suspension solves this conflict of interest by means of electronically adjustable dampers in collaboration with performance springs, bump stops and stabilisers. The system allows the driver to use the Drive Performance Control (Eco Pro, Comfort, Sport, Sport+) to select the suspension setting and driving dynamics to match his or her mood. The 20" CLASSIC wheels with

low profile MICHELIN Pilot Super Sport tyres, an anti-roll bar and subtle sharpening of the elastokinematics are responsible for achieving very neutral and predictable handling that is typical of ALPINA. Deceleration is taken care of by an 18" high-performance brake system with 370mm discs at the front and 345mm discs at the rear. Aluminium calipers (4-piston on front axle, 2-piston on rear axle) painted in blue and with ALPINA lettering, in conjunction with high-performance pads, ensure fading stability and optimal pedal feedback.



TECHNICAL DATA

BMW ALPINA B3 BITURBO

Further information on specific fuel consumption and specific CO₂ emissions of new passenger cars is given in „Leitfaden über den Kraftstoffverbrauch, die CO₂-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 ³	2979
Bore	mm	84.0
Stroke	mm	89.6
Compression ratio	: 1	10.2
Max output	kW/hp	301/410
at	rpm	5500-6250
Max torque	Nm/lbs-ft	600/443
at	rpm	3000-4000
Engine management		BOSCH MEVD 17.2.6
Fuel type		Super Plus
Emission classification		Euro 6

PERFORMANCE

		SALOON	TOURING
Acceleration 0-100km/h / 0-62mph	s	4.2	4.3
Acceleration 0-200km/h / 0-125mph	s	14.0	14.2
Top speed	mph / km/h	190 / 305	188 / 302

FUEL CONSUMPTION

Urban	mpg / l/100km	27.7 / 10.2	27.2 / 10.4
Extra-urban	mpg / l/100km	46.3 / 6.1	45.6 / 6.2
Combined	mpg / l/100km	37.2 / 7.6	36.7 / 7.7
CO ₂ emissions	g/km	177	179
Efficiency category		D	D

TRANSMISSION

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

DIMENSIONS

Length	mm	4628	4628
Width	mm	1811	1811
Height, unladen	mm	1409	1410
Wheelbase	mm	2810	2810
Track, front	mm	1539	1539
Track, rear	mm	1556	1556
Luggage capacity (DIN)	l	480	495-1500
Fuel tank, approx.	l	60	60

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 x 20" with	245/30 ZR20 (90Y) XL	
EU-tyre label*		E/A/  71 dB	
Rear	9 x 20" with	265/30 ZR20 (94Y) XL	
EU-tyre label*		F/A/  71 dB	

WEIGHT

Unladen (DIN)	kg	1610	1675
Max permissible	kg	2160	2225
Permitted load	kg	550	550
Max axle load, front	kg	1030	1030
Max axle load, rear	kg	1180	1250
Max trailer load, braked	kg	1700	1700
Max trailer load, unbraked	kg	750	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. April 2013 © ALPINA

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



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