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EXCLUSIVE AUTOMOBILES



BMW ALPINA XB7

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PRESS RELEASE *September 2022*

## THE FORCE OF EMOTIONS

### NEW BMW ALPINA XB7

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The BMW ALPINA XB7, the first luxury performance SAV from the ALPINA automobile manufactory, has garnered international praise since its launch in 2020. Automotive enthusiasts and trade publications alike have been thoroughly impressed by the XB7's driving dynamics, explosive performance and luxurious comfort. Traditional ALPINA DNA in a new segment.

Starting with the 2023 model year, the BMW ALPINA XB7 benefits from a host of product updates, including the latest V8 engine generation, an even sharper, progressive design and the most up-to-date driving assistance systems and connectivity options.

- **New 4.4 litre V8 engine with bi-turbo charging:** State-of-the-art engine technology, now including BMW mild hybrid technology, provides the basis for the engine's high performance reserves and effortless power delivery. The engine produces a total output of 457 kW (621 hp), with 800 Nm (590 lb-ft) of torque available from just 1,800 rpm. A new cross-bank exhaust manifold delivers a thrilling V8 soundtrack.
- **Explosive driving performance:** The BMW ALPINA XB7 accelerates from 0 to 100 km/h in just 4.2 seconds and can reach a top speed of 290 km/h (180 mph)\*.
- **Progressive design:** The new appearance is characterised by a modern, horizontally separated headlight design and the new illuminated BMW "Iconic Glow" kidney grille. The ALPINA front and rear aprons take up the new design vocabulary of the exterior and underline the BMW ALPINA XB7's powerful presence.
- **Interior and equipment:** First class cabin and premium materials abound with an extensive standard equipment list which now also includes BMW Parking Assistant Professional. ALPINA interior details like the blue illuminated gear selector and a hand-finished steering wheel add an exclusive touch to the interior.
- **New BMW iDrive generation:** The BMW Operating System 8 takes the driver-vehicle interaction to a new, digital level. Intuitive control options are augmented by optimised, customisable views. The redesigned large curved display boasts ALPINA's iconic blue/green colour scheme.
- **Market launch:** The new BMW ALPINA XB7 left-hand drive version is open for ordering immediately with deliveries commencing December 2022. The BMW ALPINA XB7 left-hand drive USA version as well as right-hand drive market versions commence production in December 2022 with ordering to start in September 2022.

\*In combination with ALPINA DYNAMIC 21" wheel/tyre combination.

## NEW ENGINE GENERATION

### 4.4 LITRE V8 ENGINE WITH BITURBO CHARGING AND MILD HYBRID TECHNOLOGY

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The BMW ALPINA XB7 model update now features the latest V8 engine generation with BMW mild hybrid technology. Through extensive development efforts the ALPINA engineers have adapted the powerful eight-cylinder engine (S68) specifically to the ALPINA drivetrain philosophy. A characteristic feature is the high torque output of 800 Nm (590 lb-ft) which is available from just 1,800 rpm all the way to 5,400 rpm. The engine's high power reserves are effortlessly and readily available at all times, which is what the superior ALPINA driving experience is all about.

The V8 engine with bi-turbo charging generates 457 kW (621 hp) from 4.4 litres of displacement and delivers exceptional driving performance: the luxury 7-seater SAV accelerates from 0 to 100 km/h in just 4.2 seconds, hits the 200 km/h mark in 14.8 seconds and can reach a top speed of 290 km/h (180 mph)\*.

In this latest V8 engine generation BMW has implemented a cross-bank exhaust manifold that distributes the exhaust gas flow homogeneously to the two twin scroll turbochargers. This makes the turbochargers highly responsive. The featured BMW mild hybrid technology improves efficiency; its intelligent system controls allows the combustion engine to run at very high degrees of efficiency for a given load range at constant speeds. In addition, the 48v crankshaft starter generator located within transmission enhances the responsiveness of the high-performance engine by utilising the support of the electric motor on an ad-hoc basis.

The state-of-art BMW engine technology is augmented by an ALPINA specific engine management system and performance cooling system consisting of an enlarged and optimised main engine cooler with integrated transmission cooler, external engine oil and water coolers and a so called low-temperature cooling circuit (air/water/air) for the ALPINA specific intercooling system. Cross-sectioned optimised coolant hoses ensure maximum throughput.

\*In combination with ALPINA DYNAMIC 21" wheel/tyre combination.

## NEW ENGINE GENERATION

### 4.4 LITRE V8 ENGINE WITH BITURBO CHARGING AND MILD HYBRID TECHNOLOGY

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The latest transmission generation from ZF (8HP80) developed for V8 powertrains and with integrated 48v mild hybrid technology offers both comfort and performance at the highest level. The 8-Speed Sport Automatic Transmission with ALPINA SWITCH-TRONIC responds within milliseconds to driver inputs. Depending on the chosen drive and transmission mode, the 8-Speed Sport Automatic Transmission with ALPINA SWITCH-TRONIC offers unparalleled shift comfort and the capability to execute shifts in tenths of a second, meaning power is delivered effortlessly and instantaneously at all times.

Effective torque distribution is guaranteed by the intelligent xDrive all-wheel drive system and a electronically-variable limited-slip differential on the rear axle. This improves traction when driving dynamically by ensuring that slip-induced losses are minimized, and torque is distributed effectively to the wheel with the most grip at any given time. The degree of lock is continuously and actively adjusted depending on wheel speed, friction coefficients and steering angle among other things. The behaviour of the limited-slip differential is specifically calibrated to suit the dynamic character of the BMW ALPINA XB7 and it operates in conjunction with the other driving stability systems.

The BMW ALPINA XB7 is homologated to the latest Euro 6d-ISC-FCM emissions standard and features six catalytic converters and two otto particulate filters. Fuel consumption measured according to the WLTP measuring cycle (Worldwide Harmonized Light-Duty Vehicles Test Procedure) is 12.8 l/100 km with CO<sub>2</sub> emissions of 289 g/km.\*

\*Stated fuel consumption and CO<sub>2</sub> emissions are measured pursuant to EU Regulation 715/2007 in its applicable version. For more information please see NEW TESTPROCEDURE (WLTP) at the end of this press release.

## RIDE COMFORT & DRIVING DYNAMICS

### ALPINA SPORT SUSPENSION

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The BMW ALPINA XB7 is equipped with the latest suspension technology, opening a new dimension in both ride comfort and driving dynamics in the performance luxury Sport Activity Vehicle segment.

The two-axle air suspension with ALPINA specific damper and kinematic set-up are primarily responsible for the balance of driving dynamics and ride comfort. It allows for a remarkable and noticeable 40 mm (1.6") change in ride height, depending on driving situation or the chosen suspension mode. At speeds below 30 km/h, the ride height can be raised by 40 mm for challenging ramp angles or other clearance requirements. In Sport Mode or above 160 km/h the ride height is reduced by 20 mm, in Sport+ Mode or above 250 km/h by 40 mm. The resulting lower centre of gravity and subsequent changes in suspension geometry, with associated increases in negative camber, have a significant positive effect on driving dynamics.

ALPINA specific dome-bulkhead struts and reinforced torsion struts increase body rigidity. In addition, the electromechanical anti-roll bars of the Active Roll Stabilization system and stiffer rear axle bushings reduce body roll substantially.

The Integral Active Steering offers direct steering response with exceptional feedback and improves overall agility. The rear wheels can pivot a maximum of 2.3° left or right increasing agility at low speeds and aiding maximum directional stability at high speeds. The driver can choose from three steering modes: COMFORT, SPORT and SPORT+.

## ULTRA-HIGH-PERFORMANCE WHEELS & TYRES

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Specially-developed wheel and tyre combinations underscore the powerful, elegant appearance of the BMW ALPINA XB7 and are instrumental in offering impressive levels of grip.

The BMW ALPINA XB7 rides on ALPINA DYNAMIC 21" wheels with high-performance summer runflat tyres, measuring 285/45R21 front and rear.\*

Beautiful 23" forged-alloy wheels in the iconic ALPINA CLASSIC 20 spoke design and finished in Anthracite are optionally available. Their high-strength, high-density construction as a result of forging allows a significant weight saving of 13 kg (28 lbs) per vehicle. In collaboration with the experts at Pirelli, the high-performance summer tyres for the 23" wheels have been explicitly developed and specified for the BMW ALPINA XB7. Measuring 285/35 ZR23 at front and 325/30 ZR23 rear\*\*, they provide impressive grip and guaranteed visual presence around town.

Four-piston fixed brake callipers from Brembo with brake discs of 395 x 36 mm (15.5 x 1.4") diameter on the front axle and floating brake callipers with brake discs of 398 x 28 mm (15.7 x 1.1") diameter on the rear axle offer excellent and consistent deceleration. Brake callipers are finished in ALPINA Blue and feature a white ALPINA lettering. The optionally available high-performance brake system\*\*\* with light-weight drilled brake discs and highly heat-resistant brake pads offers even more direct pedal feedback and thermodynamic reserves.

\*EU tyre label: B / B / A, 71 dB.

\*\*EU tyre label: D / B / B, 73 dB front, C / B / B, 73 dB rear.

EU tyre label = fuel efficiency / wet grip / noise class, external rolling noise. For further information, please visit [www.alpina.de/tyrelabel](http://www.alpina.de/tyrelabel).

\*\*\*Please note that drilled brake discs may lead to a loss of acoustic comfort.

## POWERFUL & PROGRESSIVE DESIGN

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The new front view is dominated by a modified light design with horizontally-separated twin headlights. In addition, the “Iconic Glow” kidney grille adds a fresh design accent: a waterfall of light, which can also be activated when driving, draws attention to the trademark BMW kidney grill. The striking, new design vocabulary of the air intakes is taken up by the ALPINA front apron to produce a perfectly shaped, powerful appearance. At the other end, the four oval tailpipes of the sport exhaust system are beautifully integrated into the ALPINA rear apron.

## TECHNOLOGY, CONNECTIVITY & CRAFTSMANSHIP EQUIPMENT

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The latest generation of the BMW iDrive adds a new, digital dimension to the vehicle-driver interaction. The technological basis is provided by the BMW Operating System 8 in combination with intuitive control options like the outstanding voice control offered by the BMW Intelligent Personal Assistant. The degree of personalisation in the displays has reached a new level, including in the standard head-up display with optimised graphics performance. In accordance with the BMW design principle of “eyes on the road – hands on the wheel”, all displays offer logical driver orientation and can also be tailored to drivers’ individual needs. The integration of third-party apps works seamlessly. When it comes to the driver assistance systems, the BMW ALPINA XB7 offers the Driving Assistant Professional package and parking assistants as standard. Software updates and upgrades can be downloaded to the vehicle over the air via Remote Software Upgrade.

In the cockpit, the large curved display allows the digital instrument panel and the central control display to merge into one unit. The gauges of the digital instrument panel are in the iconic ALPINA Blue. In SPORT and SPORT+ mode, easily read green drag indicators provide a design accent.

## TECHNOLOGY, CONNECTIVITY & CRAFTSMANSHIP EQUIPMENT

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The interior features a whole set of distinguishing details and features which set it apart from the mainstream: exclusive ‚Crafted Clarity‘ glass application and iDrive controller with a ALPINA design, blue illuminated gear selector switch, ALPINA production plaque, illuminated ALPINA door sills and the unique ALPINA Sport Steering Wheel hand-finished in finest LAVALINA leather and featuring trademark Blue/Green stitching. In addition to the ALPINA Myrtle Luxury Wood interior trim, two further ALPINA trim variants are optionally available: Piano lacquer and Natural Walnut Anthracite. Each of the ALPINA wood trim variants features the ALPINA roundel logo.

The in-house ALPINA leather workshop offers customers almost unlimited possibilities to create their own interior compositions: piping, stitching, embroidery and embossing, made to customer specifications, add a personal touch to the ALPINA interior design. The untreated LAVALINA leather extends the BMW equipment range with the highest quality natural material used in the automotive industry. Connoisseurs particularly value the comfort and climate properties of this special leather.

## MARKET LAUNCH

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The new BMW ALPINA XB7 left-hand drive version is open for ordering immediately with deliveries commencing December 2022. The BMW ALPINA XB7 left-hand drive USA version as well as right-hand drive market versions commence production in December 2022 with ordering to start in September 2022.

Recommended retail prices in EUR incl. 19 % German sales tax ex-factory Buchloe:

**BMW ALPINA XB7:            170.500,- Euro.**

This text applies to the German market only. For precise information on model features, standard equipment, fuel consumption and CO<sub>2</sub> emissions as they apply to your country please contact your local BMW ALPINA dealer or importer. Modifications and errors excepted.

## ALPINA - MANUFACTURER OF EXCLUSIVE AUTOMOBILES

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Burkard Bovensiepen founded the automobile manufactory ALPINA in 1965. Ever since, Buchloe has been home to probably the world's most renowned automobiles based on BMW models, developed and produced by the independent family-owned business in cooperation with BMW. This close partnership forms the basis for the continued success of the ALPINA brand: individual automobiles are manufactured with great love for detail and technical finesse, which, however, at the same time meet the high quality and safety standards of series production. Since 1983, ALPINA is officially registered as an automobile manufacturer by the German Ministry of Transport, the Kraftfahrtbundesamt.

Elegant understatement is at the very core of ALPINA's brand philosophy, which is manifested in an interior with the focus on comfort, above-average driving performance and a discreetly sporty exterior. BMW ALPINA automobiles have regularly caused sensations, both on the road and the race track – the result of a remarkable model history.

Founder Burkard Bovensiepen runs the company together with his sons Andreas and Florian.

Buchloe, September 2022

# TECHNICAL DATA

## BMW ALPINA XB7

This is a translation of the original German brochure which fulfils the requirements of German law. All technical data in this brochure apply to the German market, additional international units of measure shown in the technical data for the purposes of information only. Further information on specific fuel consumption and CO<sub>2</sub> emissions of new passenger cars is provided by the '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) or online <https://www.dat.de/co2>.

<sup>1</sup> Stated fuel consumption and CO<sub>2</sub> emissions are measured pursuant to EU Regulation 715/2007 in its applicable version. From 1st of September 2018 the Worldwide Harmonized Light Vehicles Test Procedure (WLTP) has replaced the New European Driving Cycle (NEDC). Regardless of the applied test procedure, it is currently still mandatory to state fuel consumption and CO<sub>2</sub> emissions according to NEDC, hence stated values are determined based on the WLTP test procedure and are converted to NEDC for comparison purposes. Depending on your country, vehicle related taxes or other duties may be based on fuel consumption and CO<sub>2</sub> emissions data which differs from that stated here. The provision of additional fuel consumption and CO<sub>2</sub> emissions as determined according to WLTP is currently voluntary until their provision becomes mandatory by law.

<sup>2</sup> The figures quoted includes a 90 % tank filling, 68 kg for the driver and 7 kg for luggage. Unladen weight applies to vehicles with standard equipment. Optional equipment may increase this figure.

<sup>3</sup> EU tyre label = fuel efficiency / wet grip / noise class, external rolling noise. For further information please visit [www.alpina.de/tyrelabel](http://www.alpina.de/tyrelabel).

<sup>4</sup> Modifications and errors excepted.

### ENGINE <sup>4</sup>

Cylinders		V8 90°
Capacity	cm <sup>3</sup>	4395
Bore	mm	89.0
Stroke	mm	88.3
Compression ratio	:1	10.5
Max output	kW (hp)	457 (621)
Max output at	rpm	5500 - 6500
Max torque	Nm / lb-ft	800 / 590
Max torque at	rpm	1800 - 5400
Engine management		BOSCH DME 9.8.0
Fuel type		98-octane
Emission classification		Euro 6d-ISC-FCM

### TRANSMISSION <sup>4</sup>

Type	8-Speed Sport-Automatic (ZF 8HP80MH) with ALPINA SWITCH-TRONIC	
Transmission ratios :1		
	1st gear 5.50	5th gear 1.30
	2nd gear 3.52	6th gear 1.00
	3rd gear 2.20	7th gear 0.83
	4th gear 1.72	8th gear 0.64
Overall gear ratio		8.59
Reverse gear ratio	:1	4.54
Final drive ratio	:1	3.38

### PERFORMANCE <sup>4</sup>

Acceleration			
0-100 km/h / 0-62 mph	s		4.2
Acceleration			
0-200 km/h / 0-124 mph	s		14.8
Top speed	km/h	290*	
	mph	180*	

\*In combination with ALPINA DYNAMIC 21" wheel / tyre combination.

### CONSUMPTION <sup>1,4</sup>

Official Fuel Consumption NEDC correlated			
Urban	l/100 km	16.9	
	mpg	16.7	
Extra-Urban	l/100 km	9.7	
	mpg	29.1	
Combined	l/100 km	12.3	
	mpg	23.0	
Official CO <sub>2</sub> emissions NEDC correlated			
Combined	g/km	279	
CO <sub>2</sub> efficiency (Germany)		D	
Official Consumption WLTP			
Fuel consumption WLTP combined	l/100 km	12.8	
CO <sub>2</sub> emissions WLTP combined	g/km	289	

### DIMENSIONS <sup>4</sup>

Length	mm	5178
Width	mm	1989
Width with exterior mirrors	mm	2218
Height, unladen	mm	1797
Wheelbase	mm	3105
Track, front	mm	1682
Track, rear	mm	1703
Luggage capacity	l	750-2120
Fuel tank, approx.	l	83

### WEIGHT <sup>4</sup>

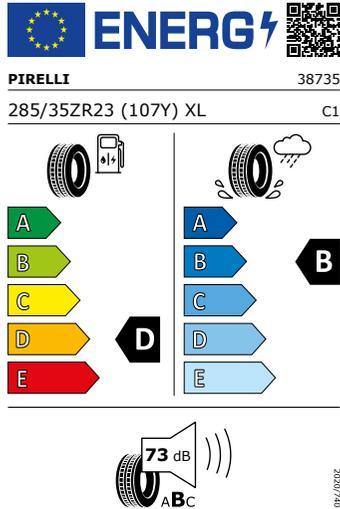
Unladen (EU) <sup>2</sup>	kg	2730
Max permissible	kg	3355
Permitted load	kg	700
Max axle load:		
front	kg	1465
rear	kg	1955
Max trailer load:		
braked	kg	3500
braked in combination with retrofitted	kg	2700
unbraked	kg	750

### WHEELS AND TYRES <sup>3,4</sup>

ALPINA DYNAMIC 21" with PIRELLI P ZERO RSC			
front	9.5 x 21" with 285/45 R21 (113Y) XL		
EU tyre label	B / B / A, 71 dB		
rear	9.5 x 21" with 285/45 R21 (113Y) XL		
EU tyre label	B / B / A, 71 dB		
ALPINA CLASSIC 23" with PIRELLI P ZERO (ALP)			
front	9.5 x 23" with 285/35 ZR23 (107Y) XL		
EU tyre label	D / B / B, 73 dB		
rear	11 x 23" with 325/30 ZR23 (109Y) XL		
EU tyre label	C / B / B, 73 dB		

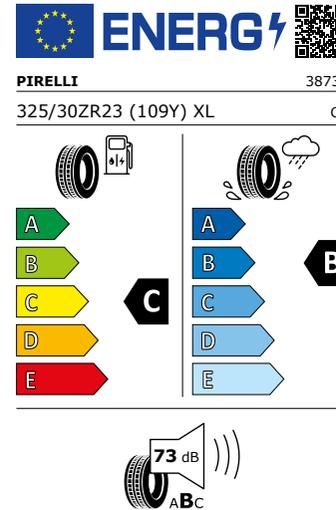
# EU TYRE LABEL

## ALPINA CLASSIC 23"



### Product Information Sheet Delegated Regulation (EU) 2020/740

Supplier name	PIRELLI
Commercial name	PZERO
Tyre type identifier	38735
Tyre size designation	285/35ZR23
Load-capacity index	107
Speed category symbol	(Y)
Fuel efficiency class	D
Wet grip class	B
External rolling noise class	B
External rolling noise value	73 dB
Severe snow tyre	No
Ice tyre	No
Date of start of production	43/19
Date of end of production	-
Load version	XL
Additional information	



### Product Information Sheet Delegated Regulation (EU) 2020/740

Supplier name	PIRELLI
Commercial name	PZERO
Tyre type identifier	38734
Tyre size designation	325/30ZR23
Load-capacity index	109
Speed category symbol	(Y)
Fuel efficiency class	C
Wet grip class	B
External rolling noise class	B
External rolling noise value	73 dB
Severe snow tyre	No
Ice tyre	No
Date of start of production	43/19
Date of end of production	-
Load version	XL
Additional information	

### Information according to Regulation (EU) 2020/740:

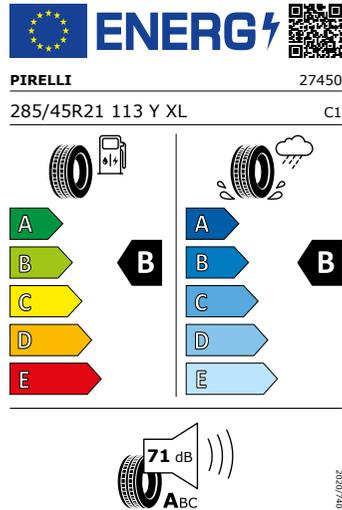
Actual fuel savings and road safety depend heavily on the behaviour of drivers. Eco-driving can significantly reduce fuel consumption. Tyre pressure needs to be regularly checked to optimise fuel efficiency and wet grip. Stopping distances must always be respected.

[EU tyre labels - information according to Regulation \(EU\) 2020/740](http://www.alpina-automobiles.com/tyrelabel)

[www.alpina-automobiles.com/tyrelabel](http://www.alpina-automobiles.com/tyrelabel)

# EU TYRE LABEL

## ALPINA DYNAMIC 21"



### Product Information Sheet

Delegated Regulation (EU) 2020/740

Supplier name	PIRELLI
Commercial name	PZERO
Tyre type identifier	27450
Tyre size designation	285/45R21
Load-capacity index	113
Speed category symbol	Y
Fuel efficiency class	B
Wet grip class	B
External rolling noise class	A
External rolling noise value	71 dB
Severe snow tyre	No
Ice tyre	No
Date of start of production	25/19
Date of end of production	-
Load version	XL
Additional information	

### Information according to Regulation (EU) 2020/740:

Actual fuel savings and road safety depend heavily on the behaviour of drivers. Eco-driving can significantly reduce fuel consumption. Tyre pressure needs to be regularly checked to optimise fuel efficiency and wet grip. Stopping distances must always be respected.

[EU tyre labels - information according to Regulation \(EU\) 2020/740](#)

[www.alpina-automobiles.com/tyrelabel](http://www.alpina-automobiles.com/tyrelabel)

## NEW TEST PROCEDERE WLTP

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Stated fuel consumption and CO<sub>2</sub> emissions are measured pursuant to EU Regulation 715/2007 in its applicable version. From 1st of September 2018 the Worldwide Harmonized Light Vehicles Test Procedure (WLTP) has replaced the New European Driving Cycle (NEDC). Regardless of the applied test procedure, it is currently still mandatory to state fuel consumption and CO<sub>2</sub> emissions according to NEDC, hence stated values are determined based on the WLTP test procedure and are converted to NEDC for comparison purposes. Depending on your country, vehicle related taxes or other duties may be based on fuel consumption and CO<sub>2</sub> emissions data which differs from that stated here. The provision of additional fuel consumption and CO<sub>2</sub> emissions as determined according to WLTP is currently voluntary until their provision becomes mandatory by law.

Further information on specific fuel consumption and CO<sub>2</sub> emissions of new passenger cars is provided by the ‚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) or online <https://www.dat.de/co2/>.

# ALPINA

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