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World Premiere in Paris

## **Opel Antara: Elegant 4WD Crossover for Everyday and Leisure Use**

- Powerful diesel engines / Top-of-the-line gasoline 3.2 V6 unit with 227 hp
- Passenger car driving experience and clever transport features such as "Flex-Fix"
- Dynamically designed crossover will reach the market this year

Rüsselsheim/Paris. Just one year after the three-door GTC crossover concept car's enthusiastic reception at the IAA 2005, the production version of the all-new Opel Antara now makes its world premiere at the Paris Motor Show (September 30 to October 15). The technologically sophisticated crossover for everyday and leisure use will enter the market this year. The Antara combines dynamic, elegant design with intelligent four-wheel drive, passenger car-like driving performance, generous interior space yet compact dimensions, high levels of functionality, a raised seat position and innovative transport features such as "Flex-Fix". Prices start at 26,850 euros for the five-door Antara, with which Opel is again staking a claim as leader among volume manufacturers in the SUV and crossover segment. Orders can be placed now.

Initially, three transversally-mounted engines with four valves per cylinder are available for the Antara. The most powerful is a V6 gasoline engine with a displacement of 3.2 liters and output of 167 kW/227 hp. Opel expects the 110 kW/150 hp, 2.0-liter common-rail turbo-diesel to be the top seller. Within a few months, it will be joined by a second version which produces 93 kW/127 hp. Both engines come with a maintenance-free diesel particulate filter as standard. The entry-level engine is a 2.4-liter, 103 kW/140 hp four-cylinder gasoline unit.

Information concerning specifications and equipment applies to the models offered in Germany. There may be differences in other markets. All data on fuel consumption refers to combined fuel consumption of the base model in the European test cycle. Subject to alteration.



The Antara's intelligent active four-wheel drive system combines the benefits of front-wheel drive – such as tractional stability when accelerating and increased driving dynamics – with those of permanent four-wheel drive. It features an electronically controlled electro-hydraulic differential which ensures optimal torque distribution between the front and rear axles in all situations. The drivetrain is fully integrated in the ABS and ESP systems, enhancing vehicle control and active safety.

### **Crossover vehicles: Opel re-enters four-wheel drive segment**

- **Crossover segment has highest growth rates in Europe**
- **As diverse as its target groups and equipment versions**
- **Opel aims to revive 4x4 success of 1990s**

*“With the Antara, we offer a high-quality, dynamic and elegantly designed crossover. We intend to take a leading role in this fiercely competitive market.”*

Alain Visser, Executive Director, European Opel Marketing

Since 1998, the total share of the combined SUV and crossover market in Europe has doubled from three to six percent, with continued growth expected. An increasing number of active families with children who enjoy outdoor hobbies and sports prefer versatile and practical SUV and crossover vehicles that also look good.

With the Antara, Opel makes a strong comeback in a segment that has long been dominated by non-European brands. Opel already led the field in this segment before, with a vehicle that stood out at the time: unveiled in 1991, the Frontera was one of the first SUV models ever. It was number one in its segment across Europe for a number of years and was also the Opel model with the highest conquest rate. Unlike the Antara with its unibody construction, the Frontera had a ladder frame design typical of off-road vehicles. In total, around 285,000 Fronteras were sold in Western and Central Europe up to 2003, with 37,500 sold in its peak year of 1993.

The Antara embodies the new SUV and crossover character and is poised to revive Opel's success in this segment. It has everything it takes including an elegant, dynamic design and comprehensive standard equipment.



It boasts high-value features such as intelligent four-wheel drive with Traction Control (TC), Electronic Stability Program (ESP) with Cornering Brake Control (CBC), Descent Control System (DCS), as well as Active Rollover Protection (ARP). Standard equipment also includes radio remote control central locking, air conditioning with pollen filter, front and rear power windows, electric heated/adjustable exterior mirrors, on-board info display as well as stereo CD-Radio CD 30 MP3 with remote controls on steering wheel and seven loudspeakers, and a roof-mounted antenna to ensure excellent radio reception. All Antara diesel models also feature a diesel particulate filter and electric heater Quickheat as standard.

The Edition variant also features 17-inch alloy wheels with 235/60 R 17 tires and comfort features such as Electronic Climate Control (ECC), heated front seats and Automatic Lighting Control (ALC). The top Antara version, Cosmo, boasts an even broader range of standard equipment, including 18-inch aluminum rims with 235/55 R 18 tires, leather steering wheel and gearshift knob, seats in a fabric/leather combination, on-board computer, cruise control, Park Pilot, windshield in heat-absorbing glass and rain sensor.



### **Design: Opel's claim to leadership underlined**

- **Expressive design language like Antara GTC**
- **As elegant as a stylish sedan**
- **High quality materials and workmanship**

*"With the Antara, we've translated the GTC concept's exciting design language into a five-door, five-seat production crossover with a spacious, versatile interior."*

Bryan Nesbitt, Executive Director, Design, GM Europe

At first glance, the Antara's distinctive design character is emphasized by a bold contrast. While the lower section clearly displays the new Opel crossover's robustness, the body's striking lines and taut surfaces unite stylish elegance with a sporty, muscular look.

The designers visualized the Antara as a versatile car that is both dynamic and comfortable for long journeys. Opel-typical details such as the crease on the hood and the grille accented by the wide chrome bar with its large Opel logo confidently emphasize the car's high quality and brand identity. Carefully crafted side air vents with integrated turn indicator in the front fender also set fresh accents. With its compact dimensions (length x width x height: 4575 x 1850 x 1704 millimeters), the crossover takes up no more space than a mid-size passenger car.

The interior echoes the style and elegance of a top-of-the-line sedan, with sporty contoured seats that reflect the Antara's dynamic SUV character. In typical Opel style, all instruments and operating controls are ergonomically placed and clearly laid out.

Large, distinctive instruments and a center console with central info display give the cockpit a driver-oriented layout. Eye-catching interior features include three large round air vents on the center console and a distinctively shaped handbrake.

The comprehensive standard safety package includes front airbags, thorax/pelvis side airbags for driver and front passenger, head curtain airbags for the front and outer rear seats as well as a crash-optimized chassis with four load paths. Other safety features include three-point safety belts and height-adjustable head restraints for all five seats.



The front seats are equipped with seat-belt tensioners and belt-force limiters. The outer rear seats come with ISOFIX mountings for fast and secure fitting of child seats with corresponding fixtures.

### **Life on board: Versatile and comfortable**

- **Clever and innovative features such as rear carrier Flex-Fix**
- **Versatile storage options and FlexOrganizer for luggage compartment**
- **Standard CD-Radio with seven loudspeakers, large navigation display**

*“Full on-board functionality - that is what cars like the Signum, Zafira and Meriva stand for, that is our know-how. Now with the Antara’s unique Flex-Fix system, we carry this over to the exterior.”*

*Frank Leopold, GME Manager, Innovation Advanced Package & Concept Cars*

The Opel Antara conveys a casual, easy-going lifestyle with its spacious interior, numerous compartments, as well as many clever and practical features. The sense of spaciousness created by the elevated seating position and large glazed surfaces is superb, and the Antara doesn’t just seem spacious: measurements confirm that passengers enjoy plenty of space. With 933 millimeters of rear legroom, for example, the Antara is at the top of its segment.

The trunk has a capacity of 370 liters under the luggage compartment cover. Cargo capacity increases to 865 liters with the rear bench seat folded down and up to 1420 liters when loaded to the roof. The rear seat back can be split 60:40 and folded forward. A storage box under the load floor ensures practical organization of the luggage compartment, as does the optional FlexOrganizer system, which is already familiar from the Astra and Vectra station wagon models. Nets, dividing walls, rods and hooks can be snapped into two rails on each of the side walls of the Antara's luggage compartment, allowing the trunk to be separated into different sections to protect the cargo from shifting or being damaged during the journey.

However, the designers did not only focus on the trunk with its extra storage boxes in the rear wheelhouses when they considered the newcomer’s storage options.



The Antara features numerous compartments and boxes throughout its interior, including a drawer under the passenger seat, sunglasses holder in the roof liner, nets on the front seat backs, a parking garage ticket holder left of the steering wheel, a net on the center console, compartments in the front and rear center arm rests.

The integrated rear carrier Flex-Fix boasts the unbeatable practicality that has become an Opel trademark and is especially important in this segment. Flex-Fix has the potential to set the new benchmark in flexible exterior transportation, just as the Zafira's "Flex7" does for interior seating systems. In typical Opel style, its full on-board functionality eliminates the need for cumbersome assembly, dismantling or storage of parts. Flex-Fix is also featured in the new Corsa and is available as an option for the Antara. It stows away almost invisibly under the rear bumper and can easily be pulled out to carry up to two bicycles.

In addition, the Antara features comfort details such as front and rear power windows (standard), heated front seats (standard from Edition), air conditioning (standard, Electronic Climate Control from Edition), Quickheat (standard with all diesel models), Automatic Lighting Control ALC (standard Edition upwards), exterior mirrors that fold in electrically (optional with Cosmo) and stationary heating (optional).

For on-board entertainment, the Antara features a standard MP3-compatible stereo CD-Radio CD 30 MP3 with seven loudspeakers, remote controls on the steering wheel and a roof antenna to provide excellent radio reception. The DVD 100 Navi navigation system with large Color Info Display, 6 x CD changer, mobile phone console with Bluetooth connection and voice control are also optionally available.



### **Chassis: Passenger car handling and off-road talents**

- **Intelligent four-wheel drive for optimum handling**
- **Numerous ESP functions increase safety reserves**
- **Over five million test kilometers driven worldwide**

*“It is just what we wanted: a crossover with the dynamic handling of a passenger car and the rugged qualities of an off-road vehicle.”*

Hans Demant, Opel Managing Director

With its agile handling, precise speed-dependant power steering and stiff chassis, the Antara is designed as a dynamic city vehicle with off-road abilities. The new crossover was tuned by Opel chassis experts at various circuits, including GM test centers in Pferdsfeld, Germany and Millbrook, United Kingdom. During the development phase, the model prototypes covered over five million test kilometers worldwide.

The McPherson suspension in front and a four-link suspension in the rear provide a high-quality chassis concept similar to that of the Opel Vectra and Signum models. The Antara comes standard with 16-inch wheels and 215/70 R 16 tires. The Antara Edition has 17-inch alloy wheels and the top Antara Cosmo variant 18-inch. The Tire Pressure Monitoring System (TPMS) is also available as an option. It monitors tire pressure via sensors at each tire valve and activates an individual tire warning signal in the Graphic or Color Info Display at pressure losses from 0.3 bar. The display can show the exact pressure of all four tires to a precision of 0.1 bar.

The Antara's intelligent active four-wheel drive system combines the benefits of pure front-wheel drive - such as low fuel consumption and virtually effortless maneuvering – with those of four-wheel drive. Under normal conditions, the Antara is a pure front-wheel drive car. However, propulsion power can be quickly and seamlessly distributed between the front and rear axle at a ratio of up to 50:50 when needed. The key element for this function is an electronically controlled, electro-hydraulic differential on the rear axle. The compact and light four-wheel drive system is fully integrated in the ABS and ESP and supports the driver effectively in all driving situations, including during heavy acceleration.



The braking system comprises large, stable ventilated disc brakes and a modern four-channel ABS. The ABS hydraulics also takes over the brake assist function if emergency braking occurs (Hydraulic Brake Assist, HBA). The modern ESP system boasts numerous additional functions that further increase active safety, including Descent Control System (DCS), noteworthy as a standard feature in the Antara segment. DCS allows the vehicle to safely maintain a constant speed even down steep inclines without the driver needing to brake. Active Rollover Protection (ARP), another safety feature, can apply high braking pressure within milliseconds at individual wheels.

### **Powertrain: Four engines, output from 127 to 227 hp**

- **Powerful and modern common-rail diesel**
- **Maintenance-free diesel particulate filter as standard**
- **Refined 3.2-liter V6 gasoline top-of-the-line engine**

*"We expect most Antara buyers will choose the 2.0 CDTI with 150 hp, one of the most powerful diesels in this class. Thanks to its pulling power and low consumption, it suits our modern crossover brilliantly. "*

Alain Visser, Executive Director, European Opel Marketing

A high torque plateau, plenty of propulsion power, durability and low consumption. It is no wonder that diesel engines are in such high demand in SUV and crossover models. The Opel Antara is available with a newly developed 2.0 CDTI engine with an output of either 127 or 150 hp. This engine includes newest generation common-rail technology with up to 1600 bar injection pressure, aluminum cylinder head and turbo charger with variable turbo geometry. Both variants come standard with a maintenance-free diesel particulate filter, which requires no additives. The top diesel unit can be mated to a five-speed automatic transmission instead of the standard five-speed manual gearbox. Thanks to ActiveSelect, this modern automatic transmission also offers manual gear selection, as well as the choice of a winter driving program.

In addition to the two diesels, the ECOTEC engine range also includes two refined gasoline units. The base unit is a 2.4-liter four-cylinder engine with 103 kW/140 hp. The double overhead camshafts feature a balance shaft with two rotating counterweights as well as electronic throttle control. The most powerful engine is the 3.2-liter V6 with 167 kW/227 hp.



With its standard five-speed automatic transmission incorporating ActiveSelect, the gasoline V6, a close relative of the 2.8 V6 ECOTEC unit in the Vectra and Signum models, accelerates the Antara to a top speed of 203 km/h. This engine's high-tech features include variable camshaft phasing for both induction and exhaust sides, as well as a variable intake manifold.

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***Text and photos can be downloaded from the Internet at <http://media.opel.com>.***



## Opel Antara: Technical Data Overview

Antara		2.4 <sup>1)</sup> ECOTEC	3.2 V6 <sup>1)</sup> ECOTEC	2.0 CDTI <sup>1)</sup> ECOTEC
<b>Engines</b>				
Emissions standard compliance		Euro 4	Euro 4	Euro 4
Fuel		super unleaded	super unleaded	diesel
Number of cylinders		4	6	4
Displacement	in cm <sup>3</sup>	2405	3195	1991
Max. output	in kW (hp)	103 (140)	167 (227)	110 (150)
	at rpm	5200	6600	4000
Max. torque	in Nm	220	297	320
	at rpm	2400	3200	2000
<b>Transmission</b>				
5-speed manual		●	–	●
5-speed automatic		–	●	○
<b>Trailer load in kg Manual/automatic</b>				
Unbraked		750 / –	– / 750	750 / 750
Braked (10% gradient)		1500 / –	– / 2000	2000 / 1700
Braked (12% gradient)		1500 / –	– / 2000	2000 / 1700

● = standard, ○ = optional, – = not available

<sup>1)</sup> Preliminary data

Antara						
	Driving Performance		Fuel consumption (l/100 km) according to 1999/100/EU			
	Maximum speed in km/h	Acceleration from 0-100 km/h in seconds	Urban	Extra-urban	Combined	CO <sub>2</sub> emissions in g/km
<b>5-speed manual<sup>1)</sup></b>						
2.4	175	11.9	13.3	7.3	9.6	229
2.0 CDTI	180	10.3	8.9	6.8	7.5	198
<b>5-speed automatic<sup>1)</sup></b>						
3.2 V6	203	8.8	16.4	8.9	11.6	278
2.0 CDTI	178	12.1	11.5	6.8	8.6	238

<sup>1)</sup> Preliminary data

**All data refer to the European base model with standard equipment.** The consumption data according to 1999/100/EU takes into consideration the vehicle's curb weight as stipulated by this regulation. Additional equipment can lead to slightly higher fuel consumption and therefore CO<sub>2</sub> exhaust emissions than the declared values. In addition, they can raise the vehicle's curb weight and in some cases also increase the gross vehicle weight, the maximum allowable axle loads and respectively reduce the permitted trailer load. Therefore the maximum speed may be decreased while acceleration time can be increased. The published performance figures are possible with the vehicle's curb weight excluding driver plus a 200 kilogram load allowance.



<b>Antara</b>	
<b>Vehicle dimensions in mm<sup>1)</sup></b>	
Length	4575
Width	1850
Height (at curb weight)	1704
Wheelbase	2707
Track, front	1562
Track, rear	1572
<b>Turning clearance in m<sup>1)</sup></b>	
Curb-to-curb	12.42
<b>Luggage compartment dimensions in mm<sup>1)</sup></b>	
Floor length up to rear seat back	912
Floor length with rear seat back folded forward	1740
Floor length with rear and front passenger seat backs folded forward	2629
Width at wheelarches	967
Maximum width	1320
Height of sill	828
Height trunk opening	1872
Width trunk opening at beltline	1090
<b>Weight and axle load in kg<sup>1)</sup></b>	
Curb weight incl. driver (according to 70/156/EU)	1805 – 1865
Gross vehicle weight	2225 – 2505
Payload	420 – 660
Maximum axle load, front	1205
Maximum axle load, rear	1340
Maximum roof load	100
<b>Off-road<sup>1)</sup></b>	
Wading depth [mm]	450
Overhang angle, front/rear [°]	24 / 23
Ramp angle [°]	18.2
Ground clearance [mm]	200

1) Preliminary data