

## GRANCABRIO MC







# **EXPERIENCE A NEW LEVEL OF OPEN-AIR PERFORMANCE**

The Maserati tradition of designing and building cabriolets is taken to a new level with the GranCabrio MC: a unique car that maintains the elegant, luxurious style of Maserati's first genuine four-seater cabriolet, the GranCabrio, with the added benefit of technological enhancements developed on the track for unbeatable performance.

The sleek lines of the GranCabrio MC are based on experience gained through the GranTurismo MC Stradale: the numerous technical refinements dictated by aerodynamics make it extremely aggressive, without detracting from the harmonious lines that are a trademark of Maserati, enhanced by the new three-layer Bianco Birdcage bodywork paint.

Seeing, hearing, touching: the GranCabrio MC awakens all the senses. The priceless pleasure of open-top motoring is enhanced by the roar of the car's beating heart, a 4.7 litre V8 engine that punches a massive 460 HP, made even more remarkable with the addition of smaller, lighter rear silencers. Inside, everything is designed around ergonomics: from new seats with snugger side supports, to the sporty new steering wheel, longer gear shift paddles and pedals in perforated aluminium. Everything is designed for the perfect symbiosis between man and machine, for an unprecedented driving experience.

The GranCabrio MC's unparalleled handling is all about being in touch with the elements, in tune with the road and anticipating every twist and turn. The power of the engine, always primed for any touch of the accelerator, is managed by a ZF automatic 6-speed gearbox with MC Auto Shift function which, in Sport mode, intervenes to ensure an even more exhilarating drive. Completing the outfit is a suspension system with springs and dampers that deliver a more rigid setup, and a braking system with Brembo dual-cast technology.



## BELOW THE RACY EXTERIOR LIES AN ELEGANT SPIRIT

The GranCabrio MC is the natural evolution of the high performance GranCabrio, a model that penned an entire chapter in the history of Maserati. With a soft top simulating the design of a streamlined coupé, Maserati technicians introduced a series of changes for the GranCabrio MC aimed at enhancing the car's aerodynamic efficiency, without detriment to its innate class and elegance.

The result is a car that is more aggressive, but still unmistakably Maserati: the front is dominated by the traditional oval grille featuring black vertical slats and a Trident with red trims in the centre. The spoiler and front air intakes give the front an even more muscular look, and together with the slots on the front wings and the side skirts, combine to extract hot air from the braking system and deliver downforce to the entire car, without increasing drag.

Thanks to experience gained in racing and above all to specific analysis of fluid dynamics, the new GranCabrio MC downforce (measured at 140 km/h) is 10% higher at the front and 25% higher at the rear compared to the GranCabrio and GranCabrio Sport.

















## THE WIND-IN-THE-HAIR MOTORING

Hands on the sporty steering wheel, fingers ready to stroke the gear shift paddles, right foot set to unleash the acceleration that the V8 engine is growling to deliver. All of this whilst soaking up the surroundings, rejoicing in the ensuing sense of freedom, onboard the luxurious, sporty cabin with its superbly ergonomic design.

In a cabriolet, the interiors merge seamlessly with the lines of the bodywork. The new sports front seats with integral headrests are a completely new design - a combination of aesthetics and functionality which ensure that the driver and passengers enjoy extremely comfortable seating and good posture support even at high speeds. The seat design is completed by a bezel modelled on the Maserati grille: located at the base of the headrests, this element further enhances the elegance of the interior. The edges of the backrest are embellished with fine stitching that highlights the exquisite craftsmanship of the seats.









## **ELEGANCE MEETS POWER**

The heart of the GranCabrio MC is the legendary 4.7 litre V8 engine. Holding with Maserati tradition this engine features a series of innovations that make it incredibly powerful and flexible, so it can guarantee the smoothest of rides, not to mention endless excitement whenever the driver demands.

In keeping with the direction taken by Maserati in recent years, numerous changes have also been made to the engine of the GranCabrio MC with a view to improving power, torque and smooth running, without detriment to fuel economy and emissions. Thanks to specific mapping and new reinforced pistons, maximum power has been increased to 460 HP (338 kW) at 7,000 rpm, while maximum torque is 520 Nm, largely available in a wide rpm range.

The fine construction quality of the V8 is evident in several areas: from the DLC (Diamond-Like Coating) used for tappets and the camshaft lobes, which enables a significant reduction in friction, to the use of steel cylinder liners, which helps keep the weight and dimensions of the engine down, especially along the car's main axis, optimising the vehicle's dynamic performance. The wet sump lubrication system reduces the number of oil recovery pumps, significantly reducing running noise: the result is a perfect combination of comfort and sports performance.

In an open-topped car like the GranCabrio MC, the sound of the engine is a key feature: when the Sport button is pushed, the exhaust by-pass valves open, leaving the V8 free to express its true sporty personality. Thanks to smaller, lighter rear silencers, the deep throaty purr of the engine sounds every bit like that of a racing car.

**ENGINE** 



## RACETRACK TECHNOLOGY AT THE SERVICE OF COMFORT

The GranCabrio MC turns heads instantly thanks to stunning design that combines aerodynamics developed on the track with unrivalled elegance, yet the technological solutions that make Maserati's sportiest cabriolet of all truly unique actually lie below its handsome exterior.

Specifically calibrated for application on the sportiest version of the GranCabrio range, the ZF automatic 6-speed transmission with MC Auto Shift hydraulic torque converter offers a total of five gear shift modes. It can be used in Auto-Normal, Auto-Sport, Manual-Normal, Manual-Sport and Ice modes.

In Manual mode, the driver controls the gear shift directly using the paddles mounted on the steering column and the car operates as a true manual gearbox. In Manual-Normal mode the driver can shift up to redline, while in Manual-Sport mode the transmission holds the gear until the driver changes, even if that means the engine hitting its rev limiter.

In Sport mode, the GranCabrio MC also offers a super-fast shifting mode, derived from the GranTurismo Sport and the Quattroporte Sport GT S, which delivers gear shifts that are 50% faster.

The Auto Sport mode also includes the MC Start Strategy with Launch Control; the driver activates the system by pressing down on the brake and accelerator pedals simultaneously. Upon reaching the optimum revs (2,300-2,500 rpm), the driver simply releases the brake pedal while keeping the accelerator to the floor, for a rocket-fast start that takes the car from 0-62 mph in just 4.9 seconds. This mode is only available with MSP turned off and is therefore recommended for use on a racetrack only in order to guarantee complete safety.

On the handling front, the wishbone suspension system features a specific set-up with more rigid dampers and springs designed to guarantee the ultimate sporty ride yet still coupled with excellent comfort. The Sport Skyhook system with continuously variable dampers is available as an option: when the 'Sport' button is pushed, the car becomes more precise and reactive, but continues to absorb bumps in the road as it adapts to any conditions.

The Maserati Stability Program (MSP) system adopts a specific setup which gives the driver greater freedom of action, ensuring maximum safety at all times, while the braking system makes the most of Brembo dual-cast technology with discs crafted from cast iron and aluminium. This brings weight down by between 15% and 20%, whilst also offering enhanced performance and less overall wear. The system comprises six-piston monoblock callipers up front and a four-piston unit in the rear, teamed with drilled, slotted discs: this particular design gives more predictable braking performance and reduces braking distance, especially on wet surfaces.





## **UNIQUE THRILLS IN TOTAL SAFETY**

The GranCabrio MC is designed to deliver a thrilling drive built around safety: Maserati engineers have in fact equipped the car with the most advanced active and passive safety features available.

In terms of active safety, a key feature is the Maserati Stability Program, an electronic system which reduces torque and acts on the brakes to render the car completely stable in a fraction of a second. MSP works in harmony with the ASR traction control and ABS to stop the wheels locking under braking, in tandem with the hydraulic braking assistance (HBA). These electronic devices are always active in the background, but thanks to a specific setup they never deprive the driver of the sensation of total control at all times. When the Sport mode button is pressed, the action of the MSP is moderated, acting primarily on the brakes without cutting engine power.

The GranCabrio MC offers an intuitive drive, boasting optimum weight distribution, obtained by moving the engine back behind the front axle. With the top up, 49% of the car's weight is on the front axle and 51% on the rear, while with the top down the distribution is 48%-52%.

The Daytime Running Light function, a series of LEDs that also illuminate in daylight, make the car instantly visible, while the already highly effective Bi-Xenon headlights are enhanced by a rotation function that improves illumination of the carriageway, and surrounding areas, and hence improves driving safety on winding roads at night.

In terms of passive safety, the GranCabrio MC employs next generation dual-stage airbags for both driver and front-seat passenger. A huge amount of research was also carried out to integrate side bags into the new sports-profile seats, for a multipurpose system that protects the chest and head from lateral impacts. In the event of danger situations detected by the airbag ECU, the telescopic roll bar system, normally concealed behind the rear seats and covered by the tonneau cover, activates with a response time of less than 190 milliseconds.



## EXCLUSIVENESS PUSHES NEW BOUNDARIES

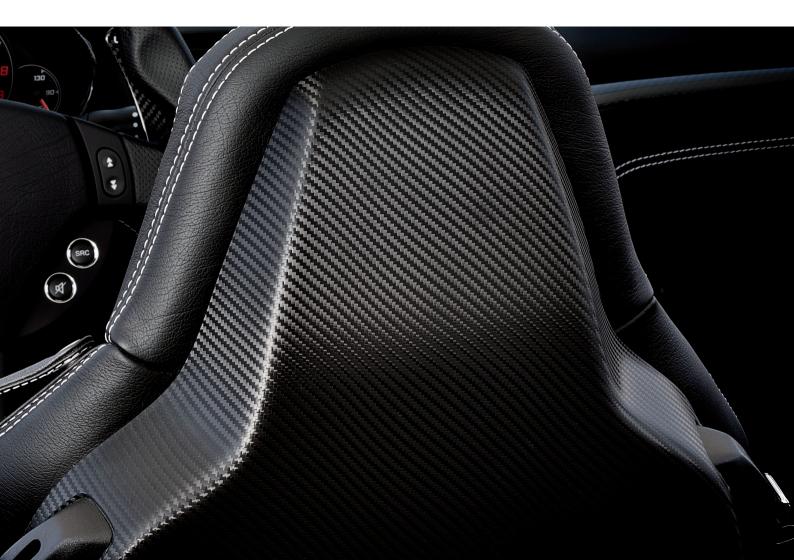
Fine materials like Poltrona Frau® leather, Alcantara® and carbon fibre come together in the GranCabrio MC to offer endless possibilities: the customisation options extend to the smallest of details, allowing each client to create an exclusive, made-to-measure car.

In addition to countless combinations of exterior colours for bodywork for the top and the brake callipers (including the special new pearlescent Bianco Birdcage, which appears beguilingly different depending on the angle of light) the interior trim can also be customised, with a choice of leathers, stitching, carpets and panel mouldings.











### **ENGINE**

Displacement 4.691 cm³
Bore 94 mm
Stroke 84.5 mm
Compression ratio 11,25:1
Maximum power output 338 kW (460 HP)
Engine speed at 7.000 rpm

maximum power output

Peak torque

1.590 mm 1.915 mm

1.586 mm

Engine speed at peak torque
Maximum engine speed

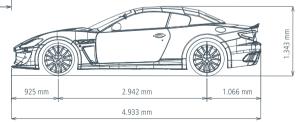
aximum engine speed 7.200 rpm

## PERFORMANCES

Top speed 179 mph with soft-top closed Acceleration from 0-62 mph 4.9 sec Stopping distance 35 m

520 Nm (53 kgm)

4.750 rpm



#### CONSUMPTIONS AND EMISSIONS

Fuel consumption (urban cycle) 22,5 (I/100 km)
Fuel consumption (extra urban cycle) 9,8 (I/100 km)
Fuel consumption (combined cycle) 14,5 (I/100 km)
CO<sub>2</sub> emissions (combined cycle) 337 (g/km)

#### **DIMENSIONS AND WEIGHT**

Length	4.933 mm
Width (without mirrors)	1.915 mm
Width (with mirrors)	2.056 mm
Height	1.343 mm
Wheelbase	2.942 mm
Front track	1.586 mm
Rear track	1.590 mm
Front overhang	925 mm
Rear overhang	1.066 mm
Boot capacity	173 l
Fuel tank capacity	75 l
Dry weight (UE version)	1.880 kg
Kerb weight (UE version)	1.973 kg
Kerb weight + driver	2.050 kg
Full load weight	2.275 kg
Gross vehicle weight	2.350 kg
Weight distribution	49% front; 51%
	with car closed

ght distribution 49% front; 51% rear with car closed 48% front; 52% rear with car open

# WE TEST OUR CARS' SPORTING POTENTIAL ON THE TRACK. WINNING.

Competing has always been the toughest test for technology to be applied to roadgoing cars. It is on the track that reliability and performance have traditionally been measured. Races are where experimental solutions and materials are tried out; the track is the setting used by Maserati to bring out the sportiness of its cars.

#### **TROFEO**

The Maserati Trofeo MC, launched in 2010, is a single-make international series dedicated to gentleman drivers looking to race GTs. In 2012, the series made the move to the world stage with a six-race calendar: four events in Europe, one in the United States and one in China. The races are run ever more frequently alongside the most prestigious categories. Driving the GranTurismo MC Trofeo, the track version of the GranTurismo MC Stradale, entrants can benefit from much wider media coverage and Maserati Corse's impeccable organisation.

#### INTERNATIONAL SUPERSTARS SERIES

Maserati is one of the star names taking part in the International Superstars Series thanks to two Quattroporte Sport EVOs fielded by Swiss Team. Andrea Bertolini secured the overall title in a triumphant 2011 and, this year, the Maseratis have been entrusted to a series of top-class drivers as the squad continues to go for victory. Maserati is up against the stiffest competition with cars from ten different manufacturers all challenging for the titles on offer.



## **MASERATI MASTER DRIVING COURSES**

An unforgettable experience, all spent at the wheel of the Maserati models, learning GT driving and safe driving techniques.

#### **MASTER GT 1 DAY**

A one-day course designed for those who wish to perfect their driving technique: the ideal start before progressing to the more advanced Maserati driving courses to become an outstanding driver. The staff aim to improve participants' personal driving skills in a context that is enjoyable and challenging for all.

#### **MASTER GT 2 DAYS**

An intensive 2-day training programme, with a sequence of driving sessions on the circuit (trajectory technique with instructor in the car, analysis of telemetry data) and practice in controlling the car in different simulated road surface conditions (quick direction changes, controlled skid and braking techniques).

#### **MASTER HIGH PERFORMANCE**

The Maserati HP course delivers a highly customised service thanks to a programme that includes advanced high-speed driving concepts and technically more complex, challenging exercises. A unique opportunity to master the world of Maserati gran turismo.

#### **MASTER ITALIAN LIFESTYLE EXPERIENCE**

A brand new course-event that allows participants and their companions to experience first-hand the concept of "Italian style", enjoying a splendid alternation of circuit sessions and exclusive activities organised by the Maserati team in two cities steeped in history: Florence and Parma. A wonderful experience, with privileged access to the very best this area has to offer.

#### **MASTER MC TROFEO**

The most advanced Maserati driving course of all proposes a technically complex programme at the wheel of the GranTurismo MC Trofeo cars that compete in the Maserati Championship. A thrilling experience which allows participants to enter the heart of the Maserati racing world.

For information and registration:

Master Maserati - Tel. +39 0525 55 11 38 - Fax +39 0525 55 11 40 - info@mastergt.it - www.maserati.com





### THE TAILOR-MADE SERVICES OF THE MASERATI WORLD

#### **FACTORY TOUR\***

Find out where and how the Maserati myth is born. Maserati offers you the opportunity of finding out about its secrets from the inside, through a guided tour of the Modena production plant. Discover how the cars are born, learn their secrets, fully understand their engineering and really feel one of the Maserati family.

#### **WEB AND CAR CONFIGURATOR**

The www.maserati.com web site lets users browse every aspect of the Maserati world at ease, with multimedia content, historical information, a search function for pre-owned Maserati cars in the authorised sales network, and the futuristic car configurator. To give you access to all the infinite ways in which every Maserati can be personalised, we have created an innovative, absolutely unique car configurator. Within it, you can create your own Maserati by making all the choices available when configuring the car, and admire its every detail thanks to innovative features such as "X-Ray" viewing. Create your Maserati on www.configurator.maserati.com

#### **MASERATI EXPERIENCE\*\***

For those wishing to combine their Maserati factory visit with more insight into the firm's home city of Modena: its culture, history and cuisine.

The Maserati Experience programme, lasting one or more days, enables you to get to know the context of the Maserati world at first-hand: Modena, with its works of art, its history and its fine food.

You can tailor your Maserati Experience to your personal tastes by combining a variety of activities:

- Panini Museum and/or Stanguellini Museum visit
- Guided tour of the town
- Guided tour of a traditional balsamic vinegar establishment, with tasting

- Guided tour of a winery, with tasting of local wines
- Cooking school
- ... and much, much more.

#### **MASERATI COLLECTION**

Share the Maserati passion, even in your "accessories", and enjoy membership of world of pure excellence. The exclusive Maserati Collection products are available from all official Maserati Dealers and from the Maserati Store at the Maserati Showroom in Modena. All articles can also be purchased directly from your home, using the www.maseratistore.com internet site, the on-line store for customers wishing to order and receive the articles in the Maserati Collection anywhere in the world

#### **MASERATI CLUB**

For sharing thrilling moments with other Maserati owners. The owners of Maserati cars from every era can fully enjoy the pleasure of driving a Trident sports car by taking part in a calendar of touring and racing events exclusively for Maserati Club members. The Maserati Club provides the link between the past, present and future of the Modena constructor. The association is led by personalities who have made a fundamental contribution to the growth and promotion of Maserati in all eras, starting from Maria Teresa de Filippis, the first woman F1 driver and today a proud supporter of the marque. Becoming a Maserati Club member is simple: the events schedule and membership forms are available from Maserati Dealers.

For more information www.maseraticlub.com

<sup>\*</sup> Tours are only arranged by appointment and can be booked through dealers all over the world.

<sup>\*\*</sup> For more information please contact us by writing to: maseratiexperience@maserati.com



## MASERATI WORLDWIDE

**EUROPE**:

Austria Belgium Bulgaria

Cyprus\* Denmark Finland

France

### **NORTH AMERICA:**

Canada USA

## CENTRAL / SOUTH AMERICA:

Argentina
Brazil
Chile
Colombia
Costa Rica
El Salvador
Guatemala
Mexico
Panama
Puerto Rico
Dominican Republic

Germany Greece Hungary Italy Israel Latvia Lithuania Luxembourg Monte Carlo

Monte Carlo
Norway\*
Holland
Poland
Portugal\*
United Kingdom
Czech Republic

Romania

Russia Slovenia Spain Sweden Switzerland Turkey Ukraine

\*Service Only

### ASIA / OCEANIA:

Australia
Azerbaijan
China
Kazakistan
Korea
Philippines
Japan
Hong Kong
India
Indonesia
Malaysia
New Zealand
Singapore
Taiwan

Thailand

## AFRICA / MIDDLE EAST:

Saudi Arabia Bahrain Egypt

United Arab Emirates

Kuwait Lebanon Oman Qatar Syria South Africa





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MASERATI SPA · VIALE CIRO MENOTTI, 322 · 41121 MODENA · ITALIA