

# GHIBLI

DRIVING BECOMES  
A UNIQUE THRILL



The mechanical components of the Ghibli are the product of in-depth research intended to recreate the typical driving sensation of the marque's GT cars, the powerful engine supplemented by innovative engineering solutions throughout the car. From the frame to the transmission, through to the suspension and brakes, every component plays its role in delivering the unmistakable combination of comfort and performance that can only be enjoyed when driving a Maserati.

The new eight-speed ZF automatic transmission, mounted at the front in unit with the engine, is lightweight, high-performing and precise in gear shifting and is controlled by auto-adaptive software able to recognise the driving style and road conditions and adapt the gear changing mode accordingly. There are five operating modes, selected using the buttons on the left-hand side of the gear lever: Auto Normal, Auto Sport, Manual Normal, Manual Sport and I.C.E. (Increased Control & Efficiency).

In line with the Maserati tradition, the fundamental task of managing the Ghibli's handling is entrusted to the extremely sophisticated suspension. The aluminium arms of the double-wishbone front suspension are higher up for precise handling, while the five-arm multilink system used at the rear is ideal for reconciling ride comfort with sporty performance. The suspension can be equipped on request with the latest version of the Skyhook electronic system, with new shocks featuring continuous damping variation.

The servo assisted hydraulic steering system ensures optimum "feel" at the wheel, with no annoying impression of artificial assistance when cornering at high speed. Specifically designed to make driving as fun as possible, it is light and smooth at all times, even when parking. This effectiveness in all situations is further enhanced by a new aluminium steering box, specifically developed on the basis of the front suspension layout.

# GHIBLI DIESEL

BRINGING EXCITEMENT  
TO EVERYDAY DRIVING



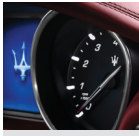
The Ghibli Diesel's attractive design stems from its newly-designed frame which makes lavish use of aluminium alloys to achieve specific light weight and strength targets. The result is incredible handling for a car with a 3 metre wheelbase, the longest in its category, together with excellent passenger safety. The combined use of aluminium and steel ensures balanced weight distribution, while special stiffener cross members deliver outstanding torsional rigidity values. The result is a car that's fun to drive, responsive to commands, and safe in all road conditions.

This is due in part to the sophisticated architecture of the suspension, double wishbone at the front and multilink at the rear; on request, they can be equipped with the latest version of the Skyhook electronic system, with new aluminium shocks featuring continuous damping variation. The basic setting prioritises comfort, while if more dynamic handling is required the

driver just presses the button on the central tunnel and the shocks stiffen, significantly reducing load transfer during sporty driving. The drive force is transmitted by the gearbox, mounted at the front in unit with the engine, to the rear wheels by means of a two-section articulated, perforated drive shaft coupled to a limited-slip mechanical differential, with an asymmetric locking function that allows locking of 35% during traction and 45% during release. The latest-generation eight speed ZF automatic transmission is controlled by auto-adaptive software able to recognise the driving style and road conditions and adapt the gear changing mode accordingly. It has five mode settings, selected using the buttons to the left of the gear lever: Auto Normal, Auto Sport, Manual Normal, Manual Sport and I.C.E. (Increased Control & Efficiency).

# GHIBLI S

MAKING EVERY  
TRIP A PLEASURE



The Ghibli S combines a highly efficient engine with a real sports car pedigree in every part of the car, developed to deliver the unmistakable blend of comfort and performance that can only be enjoyed when driving a Maserati. All this comes together with enviable reliability, achieved by means of exhausting development tests during which Ghibli prototypes were driven for a total of 6 million km in the most extreme weather conditions, in South Africa, Morocco, Sweden and New Zealand.

At the heart of this technological universe is a newly-designed frame which makes lavish use of aluminium alloys to attain specific light weight and strength targets. The result is incredible handling for a car with a 3 metre wheelbase, the longest in its category, together with excellent passenger safety. The combined use of aluminium and steel ensures balanced weight distribution, while special stiffener cross members deliver outstanding torsional rigidity values.

The result is a car that's fun to drive, responsive to commands, and safe in all road conditions. The adoption of front double wishbone and rear five-arm multilink suspension combines comfort with sporty handling, while the new lightweight, high-performance, precise eight speed ZF automatic transmission is controlled by auto-adaptive software able to switch from the smooth gear shifts of Auto Normal mode to the quick, sharp response of Manual Sport mode.

The powerful Brembo brakes have dual-cast discs, which combine the properties of cast iron with the light weight of aluminium, helping to reduce the unsprung mass. Braking power is provided by efficient monobloc calipers, with 6 pistons at the front and 4 at the rear, acting on ventilated, slotted discs of 360 mm x 32 mm and 350 mm x 28 mm respectively. The benefits are noticeable not only in the short stopping distances (36 metres from 100 to 0 km/h) but also in terms of fatigue resistance when used more intensively, for an immediate response every time.

# GHIBLI S Q4

4WD FOR SPORTS  
CAR PERFORMANCE



Maserati's aim when designing the new Ghibli was to offer a unique experience to clients who use their cars every day and in all conditions: the Ghibli S Q4 meets these criteria to the full by adopting an innovative "on demand" all-wheel drive system, capable of combining the utmost driving pleasure with absolute safety on all road surfaces. The Q4 system is compact, lightweight and efficient, and is electronically controlled thanks to a special algorithm that processes a large number of the car's dynamic parameters to continually vary the distribution of drive torque over the four wheels.

Normally, it is up to the rear-wheel drive system to transfer the power of the V6 to the terrain, but if the road surface turns slippery or the rear axle loses grip, the system instantaneously (in just 150 milliseconds) transfers the necessary drive force to the front wheels, up to the point where the torque is evenly shared between the two axles.

In terms of handling, the adoption of front double wishbone and rear five-arm multilink suspension combines comfort with sporty handling, while the new eight speed ZF automatic transmission is controlled by auto-adaptive software able to switch from the smooth gear shifts of Auto Normal mode to the Manual Sport mode, which gives the driver full control over all gear changes.

The powerful Brembo brakes have dual-cast discs, which combine the properties of cast iron with the light weight of aluminium, helping to reduce the unsprung mass. Braking power is provided by efficient monobloc calipers, with 6 pistons at the front and 4 at the rear, acting on ventilated, slotted discs of 360 mm x 32 mm and 350 mm x 28 mm respectively. The benefits are noticeable not only in the short stopping distances (36 metres from 100 to 0 km/h) but also in relation to fatigue resistance when used more intensively, for an immediate response every time.

**BE DIFFERENT**

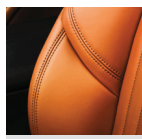
MASERATI GIBLI





## GHIBLI

THE LUXURY  
OF FEELING UNIQUE



The Ghibli places no limits on its driver's desires and preferences, revolutionising the entire concept of customisation in the sports sedan segment: different options are available for a large assortment of details, including a wide range of colours and materials.

The interior upholstery offers three levels of customisation: the leather, available in a choice of three colours - Nero, Cuoio and Sabbia - and used on the front and rear seats as standard, can also be extended to the side areas above the dashboard, the instrument panel brow and the door armrests to create an original two-tone combination: Nero/Cuoio. For those that want even greater luxury, a third option upholsters the entire interior - seats, dashboard, doors and central tunnel - in even higher quality leather produced by Poltrona Frau® using the finest traditional methods. In this case the number of interior colours available increases to five, with Marrone and Rosso Trofeo joining the standard Nero, Cuoio and Sabbia.

The standard trim features a modern black finish on the central tunnel and door panel trims, while to further emphasise the elegant or sporty character of the car's interior two luxury wood finishes, polished Ebony or open pore Walnut, or carbon fibre, are also available.

The brushed aluminium Active Shift gear shift paddles, integrated in the steering column, and the sporty pedals complete the trim for those seeking a more dynamic look: the brushed steel pedals and footrest with special rubber inserts ensure unrivalled grip and sport the oval Maserati logo.

## GHIBLI DIESEL

A NEW CONCEPT  
IN PERSONALISATION



The Ghibli Diesel boasts a personalisation programme that is unique for cars in this class. The leather upholstery of the interior is available in 5 colours: Nero, Cuoio, Sabbia, Marrone and Rosso Trofeo, while for an extremely sophisticated ambience, the roof liner can be finished with Alcantara® in Nero, Sabbia or Grigio. The seat belts are also available in three shades, to match the carpets: Nero, Marrone or Sabbia.

The standard trim features a modern black finish on the central tunnel and on the door panel trims, while to further emphasise the elegant or sporty character of the car's interior two luxury wood finishes, polished Ebony or Walnut, or carbon fibre, are also available.

The front seats can be equipped on request with an all-electric adjustment system that regulates their height, depth and the angle of the back and seat, as well as providing four different lumbar support settings and the new pedal height adjustment system, operated by a control in the front of the driving seat.\* This system is able to memorise two settings, which include not only the seat setup but also the steering wheel, pedal and external rear-view mirror positions.

Additional optional features include front and rear seat heating, controlled with two temperature settings by means of the Maserati Touch Control display, and seat ventilation, in which case the central sections of the seat and back are finished in perforated leather.

\* for left-hand drive cars only.

## GHIBLI S

REDEFINING  
EXCLUSIVENESS



A Maserati is immediately recognisable at a distance thanks to the shape of its bodywork and the sound of its engine, but it is no less distinctive at close quarters: the Ghibli S draws on almost a hundred years of history to bring an exclusive combination of materials and skilled craftsmanship to the sports sedan segment for the first time.

The interior can be made even more luxurious with the option that upholsters the seats, dashboard side panels, doors and central tunnel in even higher quality leather, produced by Poltrona Frau® using the finest traditional methods. In this case there are six interior colours available: as well as Nero, Cuoio and Sabbia, owners can choose from Marrone, Rosso Trofeo and Blu Corse.

Burr walnut, an exquisite, extremely tactile open-pore wood with a wealth of knots and vein patterning, clads the central tunnel and door panel trims; polished Ebony or carbon fibre are also available to further emphasise the car's elegant or sporty character, as preferred. The brushed aluminium Active Shift gear shift paddles, mounted behind the steering wheel and integrated in the steering column, deliver complete control of gear shifts regardless of road conditions, while the sporty brushed steel pedals and footrest with special rubber inserts ensure unrivalled grip and sport the oval Maserati logo.

On the outside, behind the wheel spokes, are the eye-catching coloured brake callipers, available in Nero (standard), Rosso, Blu and Alluminio.

## GHIBLI S Q4

A NEW VISION  
OF LUXURY



Like your personality, the Ghibli S Q4 is unique: a personalization programme unique for cars in this class allows the creation of a vast assortment of combinations, underlining the elegant or sporty side of the car's character as preferred.

The leather upholstery of the interior is available in six colours: Nero, Cuoio, Sabbia, Marrone, Rosso Trofeo and Blu Corse with exquisite contrasting stitching on request, while for an extremely sophisticated ambience owners may opt for an even higher quality leather, produced by Poltrona Frau® using the finest traditional methods. The roof liner can be finished with Alcantara® in Nero, Sabbia or Grigio. The seat belts are also available in three shades, to match the carpets: Nero, Marrone or Sabbia.

Exclusive inserts in Burr walnut, an exquisite, extremely tactile open-pore wood with a wealth of knots and vein patterning, feature on the central tunnel and door panel trims. Two further options are gloss Ebony or carbon fibre.

The brushed aluminium Active Shift gear shift paddles, integrated in the steering column, and the sporty pedals complete the trim for those seeking an even more dynamic look: the brushed steel pedals and footrest with special rubber inserts ensure unrivalled grip and sport the oval Maserati logo.

On the outside, behind the wheel spokes, are the eye-catching coloured brake callipers, available in Nero (standard), Rosso, Blu and Alluminio.

GHIBLI S

TECHNICAL SPECIFICATIONS



DIMENSIONS AND WEIGHTS

Length	4971 mm
Width (with side mirrors)	2100 mm
Width (without side mirrors)	1945 mm
Height	1461 mm
Wheelbase	2998 mm
Front track	1635 mm
Rear track	1653 mm
Front overhang	935 mm
Rear overhang	1038 mm
Boot capacity	500 l
Fuel tank capacity	80 l
Kerb weight	1810 kg

ENGINE

Number of cylinders and layout	V6 60°
Displacement	2979 cm <sup>3</sup>
Transmission	Automatic 8 gears
Compression ratio	9.7:1
Max. power output	301 kW (410) CV
Engine speed at max. power output	5500 rpm
Peak torque	550 Nm
Engine speed at peak torque	4500 - 5000 rpm
Overboost Torque	550 Nm
Engine speed at overboost torque	1750 - 5000 rpm

PERFORMANCE

Maximum speed	285 km/h
0 to 100 km/h acceleration	5.0 s
Stopping distance 100 to 0 Km/h	36

GHIBLI S Q4

TECHNICAL SPECIFICATIONS



DIMENSIONS AND WEIGHTS

Length	4971 mm
Width (with side mirrors)	2100 mm
Width (without side mirrors)	1945 mm
Height	1461 mm
Wheelbase	2998 mm
Front track	1635 mm
Rear track	1653 mm
Front overhang	935 mm
Rear overhang	1038 mm
Boot capacity	500 l
Fuel tank capacity	80 l
Kerb weight	1870 kg

ENGINE

Number of cylinders and layout	V6 60°
Displacement	2979 cm <sup>3</sup>
Transmission	Automatic 8 gears
Compression ratio	9.7:1
Max. power output	301 kW (410 CV)
Engine speed at max. power output	5500 rpm
Peak torque	550 Nm
Engine speed at peak torque	4500 - 5000 rpm
Overboost Torque	550 Nm
Engine speed at overboost torque	1750 - 5000 rpm

PERFORMANCE

Maximum speed	284 km/h
0 to 100 km/h acceleration	4.8 s
Stopping distance 100 to 0 Km/h	36

GHIBLI

TECHNICAL SPECIFICATIONS



DIMENSIONS AND WEIGHTS

Length	4971 mm
Width (with side mirrors)	2100 mm
Width (without side mirrors)	1945 mm
Height	1461 mm
Wheelbase	2998 mm
Front track	1635 mm
Rear track	1653 mm
Front overhang	935 mm
Rear overhang	1038 mm
Boot capacity	500 l
Fuel tank capacity	80 l
Kerb weight	1810 kg

ENGINE

Number of cylinders and layout	V6 60°
Displacement	2979 cm <sup>3</sup>
Transmission	Automatic 8 gears
Compression ratio	9.7:1
Max. power output	243 kW (330 CV)
Engine speed at max. power output	5000 rpm
Peak torque	500 Nm
Engine speed at peak torque	4500 rpm
Overboost Torque	500 Nm
Engine speed at overboost torque	1750 - 4500 rpm

PERFORMANCE

Maximum speed	263 km/h
0 to 100 km/h acceleration	5.6 s
Stopping distance 100 to 0 Km/h	36

GHIBLI DIESEL

TECHNICAL SPECIFICATIONS



DIMENSIONS AND WEIGHTS

Length	4971 mm
Width (with side mirrors)	2100 mm
Width (without side mirrors)	1945 mm
Height	1461 mm
Wheelbase	2998 mm
Front track	1635 mm
Rear track	1653 mm
Front overhang	935 mm
Rear overhang	1038 mm
Boot capacity	500 l
Fuel tank capacity	70 l
Kerb weight	1835 kg

ENGINE

Number of cylinders and layout	V6 60°
Displacement	2987 cm <sup>3</sup>
Transmission	Automatic 8 gears
Compression ratio	16.5:1
Max. power output	202 kW (275 CV)
Engine speed at max. power output	4000 rpm
Peak torque	570 Nm
Engine speed at peak torque	2000 - 2600 rpm
Overboost Torque	600 Nm
Engine speed at overboost torque	2000 - 2600 rpm

PERFORMANCE

Maximum speed	250 km/h
0 to 100 km/h acceleration	6,3 s
Stopping distance 100 to 0 Km/h	36

CONSUMPTION AND EMISSIONS



	GHIBLI S	GHIBLI S Q4	GHIBLI	GHIBLI DIESEL
Fuel consumption (combined cycle) l/100 km	10,4	10,5	9,6	<6
Fuel consumption (urban cycle) l/100 km	15	15,2	14,0	7,8
Fuel consumption (extra urban cycle) l/100 km	7,7	7,8	7,1	4,9
CO <sub>2</sub> emissions (combined cycle) g/km	242	246	223	158
CO <sub>2</sub> emissions (urban cycle) g/km	349	353	326	206
CO <sub>2</sub> emissions (extra urban cycle) g/km	179	181	165	129



A NEW PAGE IN THE HISTORY OF MASERATI





MASERATI

[www.ghibli.maserati.it](http://www.ghibli.maserati.it)  
[www.maserati.com](http://www.maserati.com)