



**MOTO GUZZI**



**BREVA V 750 IE**





# BREVA 750 THE WIND OF CHANGE

With all the beauty of a natural element, fresh and light as the wind whose name it bears, it inherits all the Moto Guzzi charisma and reinterprets it with an innovative style and latest-generation technology. A design sensitive to the evolution of tastes and fashions, creating neat, clean-cut, compact and aerodynamic lines. Essential in its simple elegance, it represents a perfect balance between classic and modern. Versatile by definition, it does not compromise on speed, but always in maximum safety. Performance is easy to manage, backed by mechanics designed to enhance handling. Latest heir of the glorious 750 cc machines from the Mandello del Lario company, Brevia is the perfect motorcycle for those taking their first steps in the world of motorcycles, but also a thoroughbred "naked" enabling even the most expert rider to rediscover the pure pleasure of riding. In the seat of the Brevia even the city seems different and the weekend has never been more fun.







# THE PLEASURE OF RIDING

Traffic is no problem. Roads are freer, trips are more fun and shorter. In the comfortable upright riding position, instinctive even for those riding a motorcycle for the first time, the rider has a sensation of complete control. Very rapid changes in direction and problem-free manoeuvres are made possible by the steering angle and the reduced height of the saddle from the ground. Trajectories in curves are perfect, with the ultra-rigid high tensile steel frame and efficient action of the robust Marzocchi fork and adjustable double rear shock absorber. If the road holds unexpected surprises, the powerful Brembo Gold front braking system with floating 320 mm disk and four opposed pistons derived from the track racing world guarantees progressive and safe braking. The light weight, compact shape, high quality mechanics and ergonomic controls make the bike suitable for even the least expert rider and the female rider who can also take advantage of a specially designed "Lady" seat.











# COMFORT FOR TWO

In the seat of the Brevia, you're free to take to the road on the spur of the moment, just for the pure delight of setting off, always with great class. When you take to the road, the Brevia becomes your accomplice and companion in adventure, all in the name of fun. The new gearbox makes it easy to engage and change gear, while the completely reworked clutch has been designed to reduce the force required to the minimum. The shaft drive, a Moto Guzzi exclusive on motorcycles of this power, is silent, clean, reliable and requires practically no maintenance.

The riding position is more ergonomic, exploiting the particular configuration of the tank shaped in such a way as to make even the tallest of riders feel at ease. At high speeds, the small windshield provides shelter from aerodynamic turbulence and the passenger has ample space on the comfortable one-piece seat. The car-style LCD dashboard display provides all the information necessary and is clearly visible in all conditions thanks to the sophisticated red back lighting. With the Brevia, all you have to do is decide your destination.







# ELEGANCE IN MOTION

The new face of Moto Guzzi is evident at a single glance, because the lines speak for themselves. A functional style, where looks are not just an end in themselves, but are at the service of rider and passenger. Compact and neat, the Brevia seems ready to take off down the road, its sporty temperament highlighted by the tapering mudguards, sub-fairing pillar and elegant three-spoke die-cast aluminium alloy wheels. The design reflects the spirit and image of Moto Guzzi, with the traditional values of simplicity, solidity and Italian creativity reinvented and brought in line with the most modern trends. A strategy confirmed by the choice of colours, including the ultra-classical "Rosso Brevia" (red), refined and high-tech "Nero Ollare" (black) and ultra-modern "Grigio Grigna" (grey).

## COLOURS



Rosso Brevia (red)



Grigio Grigna (grey)



Nero Ollare (black)



# BREVA V 750 IE: ENGINE



## A NEW GENERATION OF ENGINES.

750 cc is an engine capacity that has written some of the most glorious chapters in the history of Moto Guzzi. Today this same engine size represents entry into the world of the Eagle of Mandello. The 750 class attracts a wide range of riders, including lady riders who demand not just performance, but reliability, safety, and easy riding. That is why Moto Guzzi is putting so much effort into the development of its 750 cc engines, adding innovations and modifications to enhance performance and personality. The adoption of electronic fuel injection for the BREVA's 750 cc engine is the first big step in this direction. The new fuel injected engine delivers smooth, progressive power, with greater efficiency under all conditions, from hot and cold starting to acceleration and maximum engine speed.

## ENGINE.

Moto Guzzi has neglected nothing in the search for a technically advanced balance between performance, reliability and low consumption.

### Filter box.

The filter box has been designed using the latest CFD (Computational Fluid Dynamics) calculation methods. The large size filter box ensures maximum efficiency and features an extremely advanced Helmotz resonator to respect the latest noise emission standards without penalising performance.

Ease of maintenance was also taken into consideration in designing the box, and the filter can be removed and replaced in just a few minutes.

### Electronic fuel injection.

The fuel injection system is state of the art for the motorcycling industry. It features a Lambda type oxygen sensor plus sensors for engine temperature (in the right hand cylinder head), aspirated air, atmospheric pressure and throttle position. The system guarantees an optimum air/fuel mix for maximum catalyser efficiency (and in respect of Euro 2 standards) and maximum performance in terms of response, smooth acceleration and maximum power.

The fuel injection system features a double 36 mm throttle body with twin cable operation. The injectors are ultra-compact and direct the fuel spray directly at the

intake valves, guaranteeing instant response and minimum emissions. The rail is manufactured from a special, latest generation technopolymer. The catalyser's Lambda oxygen sensor analyses exhaust gases and constantly adjusts carburation to optimise combustion efficiency and minimise emissions. Other important innovations include a phonic wheel on the camshaft and a temperature pick-up on the valve cover. Significantly, Moto Guzzi is one of the very few motorcycle manufacturers to install catalysers on all its models. This is because Moto Guzzi attributes great importance to the environment and on coherent design policies. The triple catalysed exhaust with car type Lambda oxygen sensor comes well within Euro 2 standards.

### Pistons and cylinders.

Upper oil control rings form part of an optimised piston ring arrangement that minimises blow-by. This new piston design not only ensures excellent reliability but reduces oil consumption too. Special graphite based coatings have also significantly reduced friction and wear.

### Valve gear.

The camshaft has a new, more efficient profile. Reference pins between the camshaft and the drive gear, and between the camshaft and phonic wheel ensure minimum tolerance in valve timing.

### Lubrication.

The renewed engine lubrication system features an oil pressure sensor and an improved pressure control valve for more efficient oil circulation. The rocker arms also have sealing boots to prevent pressure loss and ensure a better oil circuit seal.

## CLUTCH.

Quality starts on the assembly line, with precision alignment references used to reduce oscillation of the flywheel/clutch assembly. All clutch components have been balanced to reduce clutch vibration. This is particularly noticeable at low engine speeds. A new friction lining material has been adopted too, to reduce the effort needed to operate the clutch lever.

## TRANSMISSION.

Gear selection is instant and precise, thanks to the index lever and star on the desmodromic shaft. Extremely accurate coupling between the gear engagement forks and the desmodromic shaft means smoother, slicker and more precise gear changes. A number of modifications have been made to the pre-selector too, including a new lubrication system, new counter-springs and fork guide springs, and new surface treatments. The lug angles have also been modified for faster and smoother disengagement. Between them, these improvements mean effortless gear changes and easier riding. One of the most important gearbox innovations is the new gear and neutral selector with index lever and star on the desmodromic shaft. The advanced design of this fundamental part ensures slick gear and neutral selection.

Great care has also been taken in the choice of gearbox materials: all gears are made from 18 Ni Cr Mo 5 steel. Machining tolerances are also finer, thanks to modern, high precision and top quality machining processes.

Gearbox lubrication has been improved too, with a new technopolymer feeder to ensure correct lubrication of the gears at all times. Even the lubricants have been specially selected for maximum lubrication efficiency (AGIP ROTRA 80W 90 MP/S for the gearbox and TRUCK GEAR 85W 140 for the shaft drive). This means greater reliability, extended part life and a far smoother gearshift action.

## 3D ENGINE



## PHONIC WHEEL



## CYLINDER HEAD



## CAMSHAFT



## THROTTLE BODIES



## INJECTOR



## PISTON



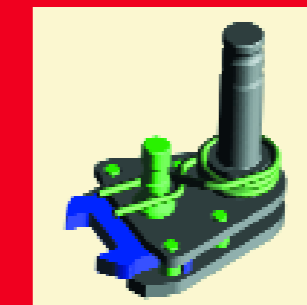
## CYLINDER AND PISTON



## GEAR SELECTOR WITH INDEX LEVER AND STAR



## GEAR CHANGE PRE-SELECTOR



## FILTER BOX



## CATALYTIC CONVERTER AND LAMBDA SENSOR



## BREVA V 750 IE: DETAILS

### DASHBOARD



All the information indispensable for travelling with peace of mind is brought together in a dashboard with an ultra-modern design, with LCD display incorporating all the traditional functions (speedometer, rev counter, mileometer, air temperature indicator with useful flashing ice warning and clock) and hazard warning button.

### FRONT SUSPENSION



Designed for extremely rapid direction changes and great front-end sensitivity, the Marzocchi fork has massive 40 mm diameter inners. Wheel travel of 130 mm helps absorb uneven road surfaces and guarantee maximum riding comfort without "diving" when the rider decides to ride more aggressively.

### DISC AND WHEEL



The refined 17" three-spoke wheels are made from die-cast aluminium alloy. Super-resistant and very light, they help reduce unsprung weight to a minimum. The Brembo Gold front braking system has a 320 mm disc operated by a floating calliper with four opposed pistons for powerful progressive braking. At the rear, is a 260 mm stainless steel disc.

### ENGINE



The legendary 90°V twin engine has been completely reworked and, thanks to the electronic injection, guarantees high and controllable power. Ready to write a new chapter in motorcycling history, it combines the traditional Moto Guzzi charisma with the most advanced technology and incomparable reliability.

### SHAFT DRIVE



The adoption of shaft drive offers numerous advantages – it is silent, has no exposed parts and is thus cleaner, is ultra-reliable and requires practically no maintenance. In short, all characteristics which translate into top-class travelling comfort in all conditions.

### SEAT AND REAR HANDLE



The one-piece seat is extremely comfortable and roomy, even when travelling with a passenger. The useful rear handle provides an excellent grip for the passenger and the practical under seat compartment can hold a U-padlock and a small tool kit for emergencies with space for documents and other small objects.

## BREVA V 750 IE: ACCESSORIES



### TANK BAG



Moto Guzzi has designed a stylish 12-15 litre tank bag specially for the BREVA to hold all the maps, sunglasses and other items you need to get at quickly. The bag can be removed from its base and carried as a practical back-pack for personal effects. Moto Guzzi has your convenience in mind even when you get off your motorcycle.

### DOUBLE REAR SHOCKS



Sporting riders and owners who want more control over the action of the rear suspension will find that the special double rear shocks kit is just the job. These shocks feature adjustable spring preload, hydraulic compression and rebound adjustments and a piggyback hydraulic reservoir.

### PANNIER BAGS



The pannier bags are practical and elegant, finished in black with a stylishly embossed Moto Guzzi logo. Made from robust polypropylene and ABS to resist knocks and scratches, these panniers are also waterproof and lockable. Capacity is 30 and 40 litres each. The panniers can also be finished with separately orderable plastic inserts in a choice of colours. The panniers come with a dedicated steel mounting frame for quick and easy fitting and removal.

### WINDSCREEN



Against wind and weather turbulences, excellent protection is guaranteed by a dedicated mid-size transparent windscreen. The windscreen is fitted with anti-corrosion powder coated steel supports.

### DISC LOCK



The BREVA is bound to be a coveted possession, so think about security from the start. The GRANIT QUICK 37 mechanical anti-theft device from ABUS locks the front disk and lets you leave your prized possession parked in safety. The GRANIT QUICK 37 is made from special high strength, fully hardened steel that resists all attempts at theft. It also fits conveniently in the under-seat storage compartment when the bike is in use.

### "LADY" SEAT



Our exclusive "Lady" seat has a lower profile than the standard seat and reduces seat height to a mere 760 mm. Ladies can therefore get their feet firmly and comfortably on the ground. By giving lady riders better control even under normal riding conditions, the lower seat also inspires confidence and increases riding safety.



# BREVA V 750 IE



## ENGINE

Type:	90° V-Twin, 4 stroke
Cooling system:	air cooled
Displacement:	744 cc
Bore and stroke:	80x74 mm
Compression ratio:	9.6:1
Timing system:	2 overhead valves with light alloy push-rods
Maximum power:	35.5 kW at 6,800 rpm [48.28 HP]
Maximum torque:	54.7 Nm at 3,600 rpm
Fuel system:	Weber-Marelli electric injection
Starting system:	electric
Exhaust system:	exhaust 3 ways catalyzed with sonda Lambda

## TRANSMISSION

Gearbox:	5 speeds
Lubrication:	wet sump with pressure pump circuit capacity: 1.78 kg oil: AGIP RACING 4T 5W/40
Primary drive:	by helical gears, ratio: 16/21=1 : 1.3125
Secondary drive:	shaft drive, ratio 8/33=1 : 4.825
Clutch:	single disc, dry, with cush drive

## CHASSIS

Frame:	detachable tubular duplex cradle in special high-strength steel
Wheelbase:	1,449 mm
Trail:	109 mm
Rake:	28°
Front suspension:	Marzocchi hydraulic telescopic fork, Ø 40 mm
Front wheel travel:	130 mm
Rear suspension:	swinging arm in light cast alloy with two dampers, preload adjustable
Rear wheel travel:	118 mm

Braking system:	Brembo Serie Oro
Front brake:	single stainless steel floating disc, Ø 320 mm, with 4 piston calipers
Rear brake:	single steel disc, Ø 260 mm
Wheels:	light alloy
Front rim:	3"x17"
Rear rim:	3.50"x17"
Front tyre:	110/70 17 54 H
Rear tyre:	130/80 17 65 H

## ELECTRICAL EQUIPMENT

Voltage:	12 V
Battery:	12 V - 14 Amp/h
Alternator:	12 V - 330 Watt
Headlight:	12 V - 55/60 W
Tailight:	12V - 5/21 W
Turn signals:	12V - 10 W

## DIMENSIONS

Length:	2,170mm
Width:	720 mm
Height:	1,190 mm
Seat height:	790 mm
Ground clearance:	176 mm
Handlebar height:	1,035 mm
Front footrest height:	331 mm
Rear footrest height:	450 mm
Steering lock:	32° each side
Dry weight:	182 kg
Fuel tank capacity:	18 litres
Reserve:	5 litres

Breva V 750 IE is an ecological vehicle with UE homologation, in respect of Euro 2 noise and emission limits. Moto Guzzi suggests careful riding, wearing a helmet and protective clothing. Technical specifications and colours indicated in this catalogue, may change without notice.