

BREVA 850



BREVA 850

ENGINE

The catalytic exhaust system and a Lambda probe oxygen sensor ensure that the Brevia engine respects the strict limits imposed by Euro3 standards. The electronic injection system and throttle stepper motor also keep idling constant and regular and make moving off easy under all conditions. On the road, the system guarantees smooth, linear power with reduced fuel consumption and emissions.

CA.R.C.

Moto Guzzi's patented CA.R.C. (Cardano Reattivo Compatto - Compact Reactive Shaft Drive) system integrates the drive shaft in the aluminium alloy swingarm. The drive shaft incorporates two universal joints with built-in torsional dampers to ensure a smooth but precise response and to eliminate the anti-shaft effect typical of conventional shaft drive systems.

GUZZI BLACK



HEADLIGHT

The front of the bike is designed to convey a sensation of power, radiating from the large oval headlight that represents a perfect blend of classic and innovative styling. The headlight projects a compact and intense beam of light to give an improved margin of safety at night as well as superior visibility under all conditions.

A CONTEMPORARY CLASSIC.



There are those who choose their motorcycles with a clear rationality. An almost mathematical operation: the sum of measurable qualities that lead to an intelligent solution. Others make their choice with the heart. In a bike they are looking for something indefinable, something that grabs you immediately in the stomach and lets you know in an instant that the model you have just mounted is yours. Brevia 850 satisfies both categories of motorcyclist. Contemporary in the sinuous lines of a naked ready for everything, agile and with the excellent handling of a bike designed to facilitate the rider, the Brevia 850 is powered by an engine that represents an entire chapter in the history of Moto Guzzi. But the glorious 90° V-Twin that was the basis for the success of the California models in the 1970s is recognisable only in the unmistakeable diversity between the cylinders.

Otherwise it is a technologically advanced engine, perfectly balanced, round at low revs, capable of surprising acceleration and pleasant to ride because of the absence of vibrations. Everything you need to enjoy your ride, without necessarily being mad for speed racing. Brevia 850 is a motorcycle for rapid and comfortable commuting, but also serves as an escape from stress when necessary. It sets you apart from the crowd, with refinements such as the chrome of the engine and transmission, painted in grey to contrast with the black of the frame, or the new valve covers with their decidedly high-tech look. It also provides infinite possibilities for customising through its line of accessories and special clothing, and offers extra safety with its ABS version. A classic of our time could only come with livery in the flaming Corsa Red and the legendary Guzzi Black.

FRONT BRAKES

The powerful front brakes feature two 320 mm floating discs and calipers with four opposed pistons, for super-safe stopping in chaotic city traffic and effective sports riding on country roads.



CORSA RED

BREVA 850



ENGINE

Type:	90° V-Twin, 4 stroke
Cooling system:	air cooled
Displacement:	877 cc
Bore and stroke:	92 x 66 mm
Compression ratio:	9.8 : 1
Valve gear:	2 overhead valves operated by light alloy push-rods and rockers;
Maximum Power:	53 kW at 7,600 rpm
Maximum torque:	66 Nm at 7,000 rpm
Fuel injection system /	Magneti Marelli IAW5A, alfa-n type; 2 Ø 45 mm throttle bodies, Weber IWP
Ignition:	162 injectors, Lambda control, idle stepper motor control
Spark plug:	NGK BPR6ES
Starting:	electric
Exhaust system:	stainless steel, 2 in 1, with three ways catalyser and Lambda probe oxygen sensor
Homologation:	Euro3

TRANSMISSION

Gearbox:	6 speed
Lubrication:	splash
Primary drive:	helical gears, ratio 23/36=1 :1.565
Final drive:	CA.R.C. Compact Reactive Shaft Drive; double universal joint with floating bevel gear, ratio 12/44 = 1:3.666
Clutch:	dual disc dry

CHASSIS

Frame:	high tensile strenght tubular steel
Wheelbase:	1,495 mm
Trail:	120 mm
Steering head angle:	25.30°
Steering angle:	32°
Front suspension:	telescopic hydraulic fork with Ø 45 mm, preload adjustable
Front wheel travel:	120 mm

Rear suspension:	single arm suspension progressive linkage, rear shock absorber adjustable in rebound and pre-load (hydraulic)
Rear wheel travel:	140 mm
Front brake:	twin Ø 320 mm stainless steel floating discs, and two calipers with four opposed pistons
Rear brake:	single Ø 282 mm steel disc, 2 piston caliper
Wheels:	three spokes light alloy wheels, gravity casting
Front wheel:	3.50" x 17"
Rear wheel:	5.50" x 17"
Front tyre:	120/70 ZR17"
Rear tyre:	180/55 ZR17"

ELECTRICAL EQUIPMENT

Voltage:	12 V
Battery:	12 V – 18 Ah
Alternator:	12 V – 540 W

DIMENSIONS

Length:	2,195 mm
Width:	870 mm
Height:	1,125 mm
Seat height:	800 mm
Ground clearance:	185 mm
Dry weight:	231 kg
Fuel tank capacity:	23 litre
Reserve:	4 litre

BREVA 850 is an ecological vehicle with UE homologation, in respect of Euro3 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.