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BRUTALE
1090R



Brutale 1090 RR, controlled aggression.

The absolute expression of power and riding pleasure, the Brutale 1090 RR knows no compromise. A perfect synthesis of design, automotive engineering and performance, the Brutale 1090 RR is true excellence on two wheels. Its name embodies the essence of a model rooted in motorcycling history, while looking to the future with advanced technological solutions: the motorsports ABS system and advanced inline four-cylinder engine combine safety and total control with emotion and exuberance.



BRUTALE
1090RR



Perfect lighting and unmatched appeal: the Brutale 1090 RR's optical unit is not only elegant and refined in every detail, as you would expect of every MV Agusta, but its particular structure guarantees safety on all roads and under all riding conditions. The combination of a poly-ellipsoidal headlight with LED elements immediately sets the Brutale 1090 RR apart. In this manner, the light also becomes an aesthetic component, without sacrificing its explicit functionality. Because Brutale means technology at the service of aesthetic design.

The Brutale 1090 RR is equipped with dual-mode ABS, featuring Normal and Race mode. An advanced system that not only aids the rider when road conditions deteriorate, but also employs RLM (anti-rear wheel lift) to help maintain the rear wheel in contact with the road under extreme braking situations. The rider is able to obtain the best possible performance based on the selected operating mode, race mode, which limits the system's intervention to the minimum indispensable and allows for extreme braking, and Normal mode which ensures the system's effective presence at all times.



Lightweight design: the wheels of the Brutale 1090 RR are made from aluminium alloy. Designed with thin, slender and elegant spokes, these wheels are manufactured using the best production techniques, in order to ensure the most effective ratio in terms of mechanical properties and weight. And it is precisely their weight that is so impressive, because it has been remarkably reduced exactly where needed. The result? Superior handling for maximum riding pleasure.



Only the best.

With 158 HP, ABS with two operating modes, a composite frame and fully-adjustable suspension, the Brutale 1090 RR is motor-cycling at its very best: the Brutale 1090 RR is unrivalled in its category, and can even stand up to the racing models of every size and class.



ENGINE Type Four cylinder, 4 stroke, 16 valve - **Timing system** "D.O.H.C", radial valve - **Total displacement** 1078 cm³ (65.78 cu. in.) - **Compression ratio** 13:1 - **Starting** Electric - **Bore x stroke** 79 mm x 55 mm (3.1 in. x 2.2 in.) - **Max. power - r.p.m. at the crankshaft**** - 116.5 kW (158 hp) at 11900 r.p.m. - **Max. torque - r.p.m.** - 100 Nm (10.2 kgm) at 10100 r.p.m. - **Cooling system** Cooling with separated liquid and oil radiators **Engine management system** Magneti Marelli IAW 5SM ignition - injection integrated system with Mikuni throttle body; induction discharge electronic ignition; sequential timed "Multipoint" electronic injection - **Clutch** Wet, multi-disc with mechanical anti-surge device - **Transmission** Cassette style; six speed, constant mesh - **Primary drive** 50/79 **Gear ratio** First gear: Speed 13/38 - **Second gear: Speed** 16/34 - **Third gear: Speed** 18/32 - **Fourth gear: Speed** 20/30 - **Fifth gear: Speed** 22/29 - **Sixth gear: Speed** 19/23 **Final drive ratio** 15/43

ELECTRICAL EQUIPMENT Voltage 12 V - **Alternator** 350 W at 5000 r.p.m. **Battery** 12 V - 8.6 Ah

DIMENSIONS AND WEIGHT Wheelbase 1438 mm (56.61 in.) - **Overall length** 2100 mm (82.68 in.) - **Overall width** 780 mm (30.71 in.) - **Saddle height** 830 mm (32.68 in.) - **Min. ground clearance** 150 mm (5.91 in.) - **Trail** 103,5 mm (4.07 in.) **Dry weight** 183 kg (403.5 lbs) - **Fuel tank capacity** 23 l (6.07 U.S. gal.)

PERFORMANCE Maximum speed* 265.0 km/h (164.5 mph)

FRAME Type CrMo Steel tubular trellis ALS - **Rear swing arm pivot plates material** Aluminium alloy

FRONT SUSPENSION Type Marzocchi "UPSIDE - DOWN" telescopic hydraulic fork with external rebound, compression damping and spring preload adjusters - **Fork dia.** 50 mm (1.97 in.) - **Fork travel** 125 mm (4.92 in.)

REAR SUSPENSION Type Progressive Sachs, single shock absorber with rebound and compression (High speed/Lows peed) damping and spring preload adjustment **Single sided swing arm material** Aluminium alloy - **Wheel travel** 120 mm (4.72 in.)

BRAKES **Front brake** Double floating disc with Ø 320 mm (Ø 12.6 in.) diameter, with steel braking disc and aluminium flange - **Front brake caliper** Brembo radial-type monobloc with 4 pistons Ø 34 mm (Ø 1.34 in.) - **Rear brake** Single steel disc with Ø 210 mm (Ø 8.27 in.) dia. - **Rear brake caliper** Nissin with 4 pistons Ø 25.4 mm (Ø 1.00 in.) **ABS System** Bosch 9 Plus with Race Mode and RLM (Rear wheel Lift-up Mitigation)

WHEELS **Front: Material/size** Aluminium alloy 3.50" x 17" - **Rear: Material/size** Aluminium alloy 6.00" x 17"

TYRES **Front** 120/70 - ZR 17 M/C (58 W) - **Rear** 190/55 - ZR 17 M/C (75 W)

FAIRING Material Thermoplastic



BLACK METALLIC/AVIO GREY METALLIC

GRAPHITE METALLIC/PEARL ICE WHITE

* Top speed attained on closed course.
** Limited power versions available on demand.

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