

BRUTALE







Brutale 910R. **R** like a racing



# BRUTALE 910R

Elegant lines, a powerful roar from the engine,

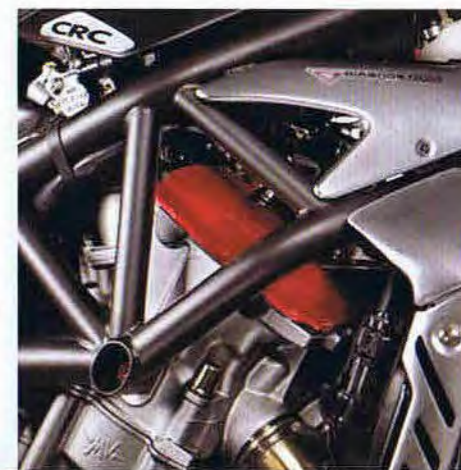
rousing performance. Together, the power of 144 HP and the joy of a frame made to handle it, unite to restore the passion for motorcycling to what it should be. Power and road-holding in synergy on a motorcycle that is already a cult item. Class, finish, design. The matchless heritage of an MV Agusta admired the world over.



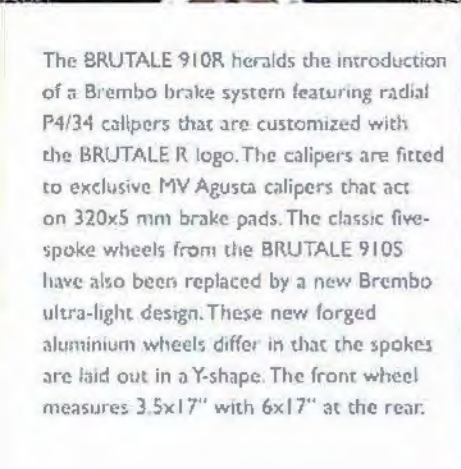
Seated on the new BRUTALE 910R, the differences between it and the S version are immediately apparent from the new graphics on the tachometer and the stylised R on the tank. The rider's view takes in the tapered handlebars, the sophisticated looks of the forks, the adjustable controls and elegant digital instrumentation. The first impression is that of having an exclusive, highly prized piece of machinery at your fingertips.



The tank is the central design feature of the BRUTALE and meets the demands made of it in terms of capacity and protection with a sense of style that echoes dynamism and balance. The BRUTALE 910R graphic is interpreted in metallic black and red that converge towards the engine further enhancing the sporting qualities of this exclusive model. There are further distinctive markings epitomised by the new saddle that matches the bodywork and the engine size numerals on the tank protector.



The BRUTALE 910R's completely reworked new engine features hand-polished inlet ducts. This treatment has led to improved performance and improved overall engine flexibility. The fact that this bike has been specially tuned is also indicated by the red rocker box cover. This very distinctive colouring is yet a further symbol just how exclusive this engine is.



The BRUTALE 910R heralds the introduction of a Brembo brake system featuring radial P4/34 callipers that are customized with the BRUTALE R logo. The callipers are fitted to exclusive MV Agusta callipers that act on 320x5 mm brake pads. The classic five-spoke wheels from the BRUTALE 910S have also been replaced by a new Brembo ultra-light design. These new forged aluminium wheels differ in that the spokes are laid out in a Y-shape. The front wheel measures 3.5x17" with 6x17" at the rear.



The BRUTALE R has everything it takes to be a racing machine. The reduction in weight is gained by fitting forged wheels, the braking offered by Brembo radial callipers, superb suspension geometry and an engine that puts out 144 HP at 11,000 rpm. This sensational performance comes from a 910cc engine that has been tuned for special tuning and includes an optional "race use only" exhaust system (homologated for race use only) together with an Epsak valve developed to provide maximum efficiency.



The use of ultra-light Brembo forged wheels has allowed a saving of 4 Kgs. This has led to an increase in corner entry speed and allows for faster changes of direction. These wheels provide improved steering neutrality and allow lines through curves to be chosen and followed with more precision. The 190/55/17 tyres make a significant contribution to handling with their larger contact area.





**ENGINE** TYPE: FOUR CYLINDER, 4 STROKE, 16 VALVE - TIMING SYSTEM: "D.O.H.C" RADIAL VALVE - TOTAL DISPLACEMENT: 909,1 CM<sup>3</sup> (55.4 CU. IN.) - COMPRESSION RATIO: 13:1 - STARTING: ELECTRIC - BORE X STROKE: 76 MM X 50,1 MM (2.99 IN. X 1.97 IN.) - MAX. HORSE POWER - R.P.M. (AT THE CRANKSHAFT): 100,0 KW (136 HP) - 105,9 KW (144 HP) WITH KIT PERFORMANCE AT 11000 - LIM. 12000 R.P.M. - MAX. TORQUE - R.P.M.: 96,0 NM (9,8 KGM) AT 7900 R.P.M. - COOLING SYSTEM: LIQUID COOLED, OIL COOLER - ENGINE MANAGEMENT SYSTEM: "WEBER MARELLI" 1,6 M IGNITION - INJECTION INTEGRATED SYSTEM; INDUCTION DISCHARGE ELECTRONIC IGNITION, "MULTIPOINT" ELECTRONIC INJECTION - CLUTCH: WET, MULTI-DISC - GEAR BOX: CASSETTE GEARBOX; SIX SPEED, CONSTANT MESH - PRIMARY DRIVE: 50/79 - FIRST GEAR: SPEED (TOP SPEED ATTAINED ON CLOSED COURSE): 13/38 105,5 KM/H (65,5 MPH) AT 12000 R.P.M. - SECOND GEAR: SPEED (TOP SPEED ATTAINED ON CLOSED COURSE): 16/34 145,1 KM/H (90,1 MPH) 12000 R.P.M. - THIRD GEAR: SPEED (TOP SPEED ATTAINED ON CLOSED COURSE): 18/32 173,4 KM/H (107,7 MPH) AT 12000 R.P.M. - FOURTH GEAR: SPEED (TOP SPEED ATTAINED ON CLOSED COURSE): 20/30 205,5 KM/H (127,6 MPH) AT 12000 R.P.M. - FIFTH GEAR: SPEED (TOP SPEED ATTAINED ON CLOSED COURSE): 22/29 233,9 KM/H (145,2 MPH) AT 12000 R.P.M. - SIXTH GEAR: SPEED (TOP SPEED ATTAINED ON CLOSED COURSE): 19/23 257 KM/H (159,6 MPH) AT 12000 R.P.M. - FINAL VELOCITY RATIO: 15X43 **ELECTRICAL EQUIPMENT** VOLTAGE: 12 V - ALTERNATOR: 650 W AT 5000 R.P.M. - BATTERY: 12 V - 9 AH **DIMENSIONS AND WEIGHT** WHEELBASE: 1410 MM (55,55 IN.) - OVERALL LENGTH: 2020 MM (79,59 IN.) OVERALL WIDTH: 760 MM (29,94 IN.) - SADDLE HEIGHT: 805 MM (31,72 IN.) - MIN. GROUND CLEARANCE: 135 MM (5,32 IN.) - TRAIL: 101,5 MM (4,00 IN.) DRY WEIGHT: 185 KG (407,9 IN.) - FUEL TANK CAPACITY: 19 L (4,16 BRIT. GAL) - RESERVE FUEL: 4L (0,88 BRIT. GAL) **PERFORMANCE** MAXIMUM SPEED, (TOP SPEED ATTAINED ON CLOSED COURSE): 257 KM/H (159,6 MPH) **FRAME** TYPE: CrMo STEEL TUBULAR TRELLIS (TIG WELDED) - REAR SWING ARM PIVOT PLATES: MATERIAL ALUMINIUM ALLOY **FRONT SUSPENSION** TYPE: "UPSIDE DOWN" TELESCOPIC HYDRAULIC FORK WITH REBOUND-COMPRESSION DAMPING AND SPRING PRELOAD ADJUSTMENT - ROD DIA: 50 MM (1,97 IN.) WITH CARBONITRIDING - TRAVEL ON LEG AXIS: 129 MM (5,07 IN.) **REAR SUSPENSION** TYPE: PROGRESSIVE, SINGLE SHOCK ABSORBER WITH REBOUND AND COMPRESSION (HIGH SPEED/LOW SPEED) DAMPING AND SPRING PRELOAD - SINGLE SIDED SWING ARM MATERIAL: ALUMINIUM ALLOY - WHEEL TRAVEL: 120 MM (4,72 IN.) **BRAKE** FRONT BRAKE: DOUBLE FLOATING DISC Ø 320 MM (Ø 12,6 IN.) WITH STEEL BRAKING BAND AND ALUMINIUM FLANGE - FRONT BRAKE CALIPER: RADIAL-TYPE WITH 4 PISTONS Ø 34 MM (1,34 IN.) - REAR BRAKE: SINGLE STEEL DISC Ø 210 MM (Ø 8,27 IN) REAR BRAKE CALIPER: WITH 4 PISTONS Ø 25,4 MM (Ø 1,00 IN.) **RIM** FRONT: MATERIAL/SIZE: FORGED ALUMINIUM ALLOY 3,50" X 17" - REAR: MATERIAL/SIZE: FORGED ALUMINIUM ALLOY 6,00" X 17" **TYRES** FRONT: 120/70 - ZR 17 (58W) - REAR: 190/55 - ZR 17 (75 W) **FAIRING** MATERIAL: THERMOPLASTIC

