

BRUTALE 1090R



PASSION. PRECISELY CRAFTED.



CONTROLLED AGGRESSION

BRUTALE 1090 RR 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
1050R

SETTING

ONLY THE BEST.

BRUTALE 1090 RR

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.

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.



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.



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.



BRUTALE 1090 RR

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

MOTEUR

Type	4 cylindres, 4 temps, 16 soupapes
Distribution	Double arbre à cames en tête, soupapes radiales
Cylindrée totale	1078 cm ³
Taux de compression	13:1
Démarrage	Électrique
Alésage par course	79 mm x 55 mm
Puissance Max. aux tours/min (à l'arbre)**	116,5 kW (158 CV) à 11.900 tours/min
Couple maximal tours/min	100 Nm (10,2 kgm) à 10.100 tours/min
Refroidissement	Liquide et huile avec radiateurs séparés
Allumage - Alimentation	Système intégré d'allumage, injection Magneti Marelli IAW 5SM avec corps à papillon Mikuni; allumage électronique à décharge inductive; injection électronique "Multipoint" séquentielle phasée
Embrayage	Multidisque à bain d'huile avec anti-dribble mécanique
Boîte de vitesse	Extractible à six vitesses avec prise constante des engrenages
Rapport primaire	50/79
Rapports changement de vitesse	
Première vitesse	13/38
Deuxième vitesse	16/34
Troisième vitesse	18/32
Quatrième vitesse	20/30
Cinquième vitesse	22/29
Sixième vitesse	19/23
Rapport final de transmission	15/43

ÉLECTRIQUE

Tension de l'installation	12 V
Alternateur	350 W à 5000 tours/min
Batterie	12 V - 8,6 Ah



BLACK METALLIC/AVIO GREY METALLIC

GRAPHITE METALLIC/PEARL ICE WHITE

DIMENSIONS ET POIDS

Empattement	1438 mm
Longueur totale	2100 mm
Largeur max.	780 mm
Hauteur selle	830 mm
Garde au sol	150 mm
Chasse	103,5 mm
Poids à sec	183 kg
Capacité du réservoir de carburant	23 l P

PERFORMANCES

Vitesse max.*	265,0 km/h
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CADRE

Type	Treillis tubulaire en acier ALS
Matériau plaques latérales	En alliage d'aluminium

SUSPENSION AVANT

Type	Fourche Marzocchi oléodynamique à tiges inversées avec système de régulation extérieur et séparé du frein en détente, en compression et en précharge du ressort
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Ø Tiges	50 mm
Course sur l'axe jambes	125 mm

SUSPENSION ARRIÈRE

Type	Sachs progressive, mono amortisseur, réglable en détente, en compression (haute vitesse / basse vitesse) et en précharge ressort
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Matériau bras oscillant monobras	En alliage d'aluminium
Course roue	120 mm

FREINS

Avant	Double disque flottant (Ø 320 mm) avec bande de freinage en acier et bride en aluminium
Etrier de frein avant	Radial monobloc Brembo à 4 pistons (Ø 34 mm)
Arrière	Disque en acier (Ø 210 mm)
Etrier de frein arrière	Nissin à 4 pistons (Ø 25,4 mm)
Système ABS	Bosch 9 Plus avec mode course (race) et sécurité anti-retournement RLM (Rear wheel Lift-up Mitigation)

JANTES

Avant: Matériau/dimensions	en alliage d'aluminium 3,50" x 17"
Arrière: Matériau/dimensions	en alliage d'aluminium 6,00" x 17"

PNEUS

Avant	120/70 - ZR 17 M/C (58 W)
Arrière	190/55 - ZR 17 M/C (75 W)

CARROSSERIE

Matériaux	Thermoplastiques
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OF OWNING.

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