

BRUTALE
800R



PASSION. PRECISELY CRAFTED.

A high-angle, low-light photograph of an MV Agusta Brutale 800 RR motorcycle. The bike is predominantly black and silver, with a striking red trellis frame. It is parked on a dark, textured surface in front of a modern building with large glass windows. The lighting is dramatic, highlighting the bike's sleek lines and mechanical details. The background building has a grid-like pattern of windows, some of which are illuminated from within.

| PURE ADRENALINE |

BRUTALE 800RR

The revolution, by MV Agusta, has a new name: Brutale 800 RR. Adrenaline and pure style. A sublime riding experience that enchants riders in search of something more that goes beyond extreme acceleration.

BRUTALE
800RR



MECHANICAL EMOTIONS

BRUTALE 800RR

RR stands for maximum power: with 140 hp at 13.100 revs/min and a maximum torque of 86 Nm at 10.100 rpm/min generated by the presence of two injectors per cylinder. A package specifically developed to retain the riding dynamics and sheer exhilaration of the models prior to the introduction of the new restrictive emission regulations.

The result is astonishing; a true technological leap with a refined engine cylinder head developed for noise suppression to the benefit of augmenting 'permitted' sound by MV: namely those generated by the combustion. With the introduction of new components such as a harmonic damper, a new mechanical cam-chain tensioner, new camshafts, new valve guides, all completely redesigned and utilizing new materials to minimize stresses and vibrations. Noise reduction also extends to the side covers of the engine, which also act as engine protectors.



More power is managed by the introduction of a new steering damper, with eight levels of manual adjustment. The hydraulic Marzocchi upside down fork utilize light-weight gold anodized aluminum stanchions (comprising an external compression adjustment system, extension and spring preload) and an adjustable Sachs rear monoshock. The braking system is entirely Brembo with a pair of floating front discs 320 mm diameter and fourpiston calipers, while the rear operates a twin piston caliper on a 220 mm diameter disc. To top it all, the Bosch ABS 9 Plus.



The upgrade of the New Brutale 800 RR is also electronic. The throttle unit has been updated, up & down EAS 2.0 Quick Shift is standard complimented by a hydraulic clutch with integrated slipper system. The engine management is entrusted to MVICS system and includes an updated Full Ride by Wire System incorporating multi-map with eight level adjustable traction control. Finally the new dashboard is now equipped with an OBD function (On Board Diagnostics). A dream constructed around acceleration and design.



BRUTALE 800RR

ENGINE	
Type	Three cylinder, 4 stroke, 12 valve
Timing system	"D.O.H.C" with mechanical chain tensioner
Total displacement	798 cm³ (48.68 cu. in.)
Compression ratio	12.3:1
Starting	Electric
Bore x stroke	79 mm x 54.3 mm (3.1 in. x 2.1 in.)
Max. power - r.p.m. (at the crankshaft)**	103 kW (140 hp) at 13.100 r.p.m.
Max. torque - r.p.m.	86 Nm (8.77 kgm) at 10.100 r.p.m.
Cooling system	Cooling with separated liquid and oil radiators.
Engine management system	Integrated ignition - injection system MVICS 2.0 (Motor & Vehicle Integrated Control System) with six injectors. Engine control unit Eldor EM2.0, throttle body full ride by wire Mikuni, pencil-coil with ion-sensing technology, control of detonation and misfire. Torque control with four maps, Traction Control with eight levels of intervention
Electronic quick-shift	MV EAS 2.0 (Electronically Assisted Shift up & down)
Clutch	Multi-disk wet clutch with hydraulic actuation
Transmission	Cassette style; six speed, constant mesh
Primary drive	19/36
Gear ratio	
First gear:	13/37
Second gear:	16/34
Third gear:	18/32
Fourth gear:	19/30
Fifth gear:	21/30
Sixth gear:	22/29
Final drive ratio	16/41
ELECTRICAL EQUIPMENT	
Voltage	12 V
Alternator	350 W at 5000 r.p.m.
Battery	12 V - 8.6 Ah



PEARL SHOCK RED/METALLIC CARBON BLACK

PEARL ICE WHITE/METALLIC CARBON BLACK

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

DIMENSIONS AND WEIGHT	
Wheelbase	1400 mm (55.12 in.)
Overall length	2045 mm (80.51 in.)
Overall width	875 mm (34.45 in.)
Saddle height	830 mm (32.68 in.)
Min. ground clearance	135 mm (5.31 in.)
Trail	103,5 mm (4.07 in.)
Dry weight	175 kg (385.80 lbs.)
Fuel tank capacity	16.5 l (4.36 U.S. gal.)
PERFORMANCE	
Maximum speed*	245.0 km/h (153.1 mph)
FRAME	
Type	ALS Steel tubular trellis
Rear swing arm pivot plates material	Aluminium alloy
FRONT SUSPENSION	
Type	Marzocchi "UPSIDE DOWN" aluminium telescopic hydraulic fork in DLC treatment, with anodized fork legs and having rebound-compression damping and spring preload external and separate adjustment
Fork dia.	43 mm (1.69 in.)
Fork travel	125 mm (4.92 in.)
REAR SUSPENSION	
Type	Progressive Sachs, single shock absorber with rebound and compression damping and spring preload adjustment
Single sided swing arm material	Aluminium alloy
Wheel travel	124 mm (4.88 in.)
BRAKES	
Front brake	Double floating disc with Ø 320 mm (Ø 12.6 in.) diameter, with steel braking disc and flange
Front brake caliper	Brembo radial-type, with 4 pistons Ø 32 mm (Ø 1.26 in.)
Rear brake	Single steel disc with Ø 220 mm (Ø 8.66 in.) dia.
Rear brake caliper	Brembo with 2 pistons - Ø 34 mm (Ø 1.34 in.)
ABS System	Bosch 9 Plus with RLM (Rear wheel Lift-up Mitigation)
WHEELS	
Front: Material/size	Aluminium alloy 3.50 " x 17 "
Rear: Material/size	Aluminium alloy 5.50 " x 17 "
TYRES	
Front	120/70 - ZR 17 M/C (58 W)
Rear	180/55 - ZR 17 M/C (73 W)
FAIRING	
Material	Thermoplastic
CONTENTS	
Steering damper	Manually adjustable with 8 settings
EMISSIONS	
Environmental Standard	Euro 4



SPECIAL PARTS

MV Agusta Special Parts, the simplest way of making your 3-cylinder Brutale more exquisite than ever. Unique. Like you. Discover the captivating range of practical accessories at www.mvagusta.com.

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