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BRUTALE
800



Brutale 800, captivating power.

Three cylinders, emotion that grows. The new Brutale 800 means top power, performance and riding experience without compromise, in the pure MV Agusta three cylinder style. Everything is intended to suit your desires: the Electronics with four engine maps and traction control, and also new fully adjustable front forks and rear suspension. And ABS as standard. In order to always have a unique Brutale 800. Yours.



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Unrivalled Emotions.

The new 800 cc in-line engine, the most evolved and compact the category offers, in any condition, more power and torque guarantees an immediate and optimized response, due to the Ride-by-wire throttle. Technology and passion. The Brutale 800 with 125 CV and 167 kg is the reference naked bike.



At MV Agusta we realise how important it is to personalise your bike to get the maximum performance from your machine resulting in perfect road handling. The Brutale 800 front suspension is fitted with adjustability for rebound, preload and compression, tailored handling is just a click away for easy and immediate results to ensure the ultimate ride on road or track. MV Agusta, always offering you more to enjoy !

The Brutale 800 rear suspension is based on the beautiful rear single arm, linked to the shock absorber through specific points. The rear shock absorber also has the possibility of compression, extension and preload settings like the front forks. The character of different settings, the accuracy of the intervention and the user friendliness allow in a very short time any necessary modification to make the Brutale 800 even more effective relative to riding style, rider's weight and road conditions.



The advanced MV Agusta technological research resulted in the most efficient, compact and refined engine ever designed. The perfect example of thermodynamic efficiency. Each component has been severely tested in order to establish new durability and reliability standards. The result is evident each time the rider opens the throttle: the sound, the power and the acceleration of the three-cylinder guarantees hypersport level performance together with the unique Brutale feeling. And, thanks to the MV EAS (Electronically Assisted Shift) system, shifting is both fast and effortless.

BRUTALE 800



ENGINE Type Three cylinder, 4 stroke, 12 valve - **Timing system** "D.O.H.C" - **Total displacement** 798 cm³ (48.68 cu. in.) - **Compression ratio** 13.3:1 - **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)**** 92 kW (125 hp) at 11600 r.p.m. - **Max. torque - r.p.m.** 81 Nm (8.25 kgm) at 8600 r.p.m. - **Cooling system** Cooling with separated liquid and oil radiators **Engine management system** Integrated ignition - injection system MVICS (Motor & Vehicle Integrated Control System) with three injectors. Engine control unit Eldor EM2.0, throttle body full drive 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 (Electronically Assisted Shift) - **Clutch** Wet, multi-disc with mechanical drive **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

DIMENSIONS AND WEIGHT Wheelbase 1380 mm (54.33 in.) - **Overall length** 2085 mm (82.09 in.) - **Overall width** 725 mm (28.54 in.) - **Saddle height** 810 mm (31.89 in.) **Min. ground clearance** 160 mm (6.30 in.) - **Trail** 95 mm (3.74 in.) - **Dry weight** 167 kg (368,2 lbs.) - **Fuel tank capacity** 16.6 l (4.39 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" telescopic hydraulic fork with 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** 125 mm (4.92 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



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

PEARL ICE WHITE/SAND METALLIC GREY RED/SILVER MATT AVIO GREY/MATT METALLIC BLACK