

**BRUTALE**  
**800**



Motorcycle Art

Brutale 800,  
captivating power.



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



**BRUTALE**  
**800**



# Unrivalled Emotions.

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



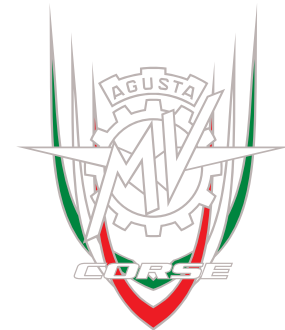
How much is important to personalize the bike? It's very important, especially when the target is to reach the highest performances on the road and racetrack. The front fork of the new Brutale 800 allows to change compression, extension and spring preload, so any function - hydraulic and elastic - that define suspension behavior. Everything in a easy and immediate way, by the time you change the "clicks", in order to have your Brutale 800 more efficient and amusing, more MV Agusta.

The Brutale 800 rear suspension is based on the beautiful rear single arm, linked to the single shock absorber through specific leverages. The rear shock absorber has the possibility of compression, extension and preload setting as the front fork. The sensibility of different settings, the accuracy of the intervention and the user friendliness allow in a very short time to make any necessary modification to make the Brutale 800 even more effective related to riding style, rider's weight and road condition.



The MV Agusta technological research allowed to design the most efficient, compact and refined engine ever, a true example of thermodynamic efficiency with the aim of performances. 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 guarantee hypersport level of performance, with the Brutale feeling.

**BRUTALE**  
**800**



# Personalize your masterpiece.

MV Agusta  
Special Parts,  
the easiest way  
to make your  
Brutale 800 even  
more exclusive  
and refined.  
Unique, just  
like you.  
Visit the site  
[www.mvagusta.it](http://www.mvagusta.it)  
and choose your  
own parts.



# « Technical Data

## ENGINE

Type	Three cylinder, 4 stroke, 12 valve
Timing system	"D.O.H.C"
Total displacement	798 cm <sup>3</sup> (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
--------------------------	--

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.)

## 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
----------	---------------

ALSO AVAILABLE IN EAS VERSION (Electronically Assisted Shift)  
BRUTALE 800 "ITALIA" - AVAILABLE ONLY IN EAS VERSION

[www.mvagusta.it](http://www.mvagusta.it)

