

**BRUTALE**  
**800**



PASSION. PRECISELY CRAFTED.



| TRUE. DRIVEN. |  
| PASSIONATE. |

**BRUTALE 800**

We wanted to condense 15 years of experience in a revolutionary motorcycle. We wanted to imprint the values of our factory. We wanted it to be "true" as the story of the MV Agusta brand, "driven" as our striving for beauty and "passionate" as the thirst for perfection of every rider who chooses us. We wanted to give its performance the technology it deserved. We wanted to create the most beautiful Brutale ever. We think we have succeeded.



# WE ENGINEER EMOTIONS.

## BRUTALE 800

If the first Brutale 750 was a bike for the academics of riding, the new 800 communicates to all levels of biking experience. Size, riding position, weight and power delivery are a perfect balance between performance and ease of riding. For this reason we believe that the new Brutale is not just the most beautiful but also the best ever.

The new Brutale 800 shows off the new MV Agusta logo on the fuel tank. A pride that comes from the ability to create unique motorbikes, where the matter is sculpted with artistic inspiration, without compromises or technical constraints. Starting from the trapezoidal shapes of the fuel tank, to the light alloy of the Full LED Projector supports, to the tail- each component reveals something unique.



The new three-cylinder engine of the Brutale 800 has now 109 hp at 11.500 rpm while the maximum torque is 83 Nm at 7.600 rpm, as much as 25% more than the previous version. It is managed by the integrated MVICS including multimap Full Ride by Wire integrated to the traction control adjustable on 8 levels. In its category it is also the only one to boast the up shift & down shift EAS 2.0, in addition to the hydraulically controlled slipper clutch.



The new chassis of the Brutale 800 has a wheelbase extended by 20 mm while the trail changes from 95 to 103.5 mm.

The trellis structure combined with aluminum plates, fits the unprecedented seat frame in light alloy, an expression of modernity and design genius. Components at the top of the category, with Brembo radial calipers and multi-adjustable suspension.



# BRUTALE 800

## ENGINE

Type	Three cylinder, 4 stroke, 12 valve
Timing system	"D.O.H.C" with mechanical chain tensioner
Total displacement	798 cm <sup>3</sup> (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)**	81 kW (109 hp) at 11.500 r.p.m.

Max. torque - r.p.m.	83 Nm (8.46 kgm) at 7.600 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. Torque control with four maps, Traction Control with eight levels of intervention.
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Electronic quick-shift	MV EAS 2.0 (Electronically Assisted Shift up & down)
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Clutch	Hydraulically actuated Wet-clutch, multi-disc with back torque limiting device
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Transmission	Cassette style; six speed, constant mesh
Primary drive	19/36
Gear ratio	
First gear:	13/37
Second gear:	16/35
Third gear:	18/32
Fourth gear:	20/30
Fifth gear:	22/29
Sixth gear:	21/25
Final drive ratio	16/41

## ELECTRICAL EQUIPMENT

Voltage	12 V
Alternator	350 W at 5000 r.p.m.
Battery	12 V - 8.6 Ah



ICE PEARL WHITE/ MATT METALLIC GRAPHITE

RED/MATT SILVER

BLACK MATT METALLIC/MATT SILVER

## 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 (385.8 lbs.)
Fuel tank capacity	16.5 l (4.36 U.S. gal.)

## PERFORMANCE

Maximum speed*	237.0 km/h (147.2 mph)
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## 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	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
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## EMISSIONS

Combined fuel consumption	5,6 l/100 km
CO <sub>2</sub> Emissions	128 g/km
Environmental Standard	Euro 4



FOR THE PRIDE  
OF OWNING.

## SPECIAL PARTS

MV Agusta Corse: Special details for Special motorcycles. Made from the best materials with attention and love which is evident in all details of every accessory, helmet, and clothing item. To enjoy riding an MV Agusta to the max.

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

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