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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

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.



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 three-cylinder engine of the Brutale 800 has now 116 hp at 11.500 rpm while the maximum torque is 83 Nm at 7600 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 & downshift 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" |
| Total displacement | 798 cm ³ (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)** | 86.5 kW (116 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. |
|--------------------------|--|

| | |
|------------------------|--|
| Electronic quick-shift | MV EAS 2.0 (Electronically Assisted Shift up & down) |
|------------------------|--|

| | |
|--------|--|
| Clutch | Hydraulically actuated Wet-clutch, multi-disc with back torque limiting device |
|--------|--|

| | |
|-------------------|--|
| 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) |
|----------------|------------------------|

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 |
|----------|---------------|



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.