



**BRUTALE  
675**

## **BRUTALE 675 THE NEW MV AGUSTA FOR EVERYONE**

Varese, 4 November 2011 – With the introduction of the Brutale line, MV Agusta has created the reference point of the large displacement naked category offering a product with a truly unique design and superbike level performance.

Today, the Brutale family is about to grow with the introduction of a completely new model that is destined to become the reference in the middle-weight category.

The Brutale 675 is born, a bike that pays tribute to the avant guard styling of the original Brutale and offering performance never before available in this market segment.

The incredibly refined mechanical design has been matched with an ultra-technological chassis makes the new Brutale 675 a guaranteed success.

An innovative project, exclusive while at the same time accessible to all passionate motorcyclists with various levels of experience. This motorcycle is capable of satisfying even the most demanding riders as well as those that are new to the sport. From street to track, the MV Agusta Brutale 675 is able to take on any situation in stride and offer the pleasure, excitement and emotion that is typically MV.

Light, agile and power above and beyond that offered by the competition, the MV Agusta Brutale has a revolutionary engine that is the most advanced in the middle-weight segment. The new in-line three cylinder power plant is derived directly from the F3 and sets new records for compactness and the application of technical solutions only previously seen on MotoGP motorcycles such as advanced electronics with the MVICS (Motor & Vehicle Integrated Control System), a system that integrates the Full Ride By Wire throttle control with integral multi-maps for the engine and traction control. Power output is a staggering 115 hp at 12.500 rpm and a torque curve that is more similar to a liter bike rather than a supersport.

The chassis, as is the MV Agusta tradition, is without rivals in this category. The frame is a mix of steel tubing and aluminum components that offers a level of rigidity that is destined to make it the reference in its class.

At only 163 kg dry, the MV Agusta Brutale 675 can satisfy even the most demanding of riders. The extremely light weight coupled with the high power output of the engine will allow the Brutale 675 to accompany new riders from the beginning of their adventure on two wheels all the way to the peak of their riding capabilities.

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In detail, the principle characteristics of the MV Agusta Brutale 675 are:

- Ultra-compact three cylinder engine with counter-rotating crankshaft
- Electronic technology: MVICS (Motor & Vehicle Integrated Control System)
- Traction control with 8 levels of adjustment
- Frame with a mixture of steel and aluminum components
- Single-sided rear swingarm with a Sachs rear shock
- 43mm upside-down front forks
- Racing brakes with radial calipers

## DESIGN

As with all MV Agusta products, the Brutale 675 is characterized with a truly unique style where even the smallest detail was fretted over. Form and function come together to create perfection.

The integration of the fuel tank, seat and tail section is a fulcrum of the design of the Brutale 675 and demonstrates the extreme compactness of the bike. The rider becomes an integrated component of the bike, perfectly inserted into the ultra-short and agile chassis with the narrowest mid-section ever seen on a production supersport that allow all riders to easily place their feet securely on the ground. These details help the rider to immediately become one with the motorcycle and develop the perfect feeling between the Brutale 675 and the pilot. The bike immediately gives the impression that the rider has always ridden this bike as the ergonomics are in perfect harmony with the rider. The tail-section is extremely compact, the headlight is classic Brutale and the digital dashboard all contribute to making the MV Agusta Brutale 675 exceptionally unique.

## ENGINE

The in-line 675cc three cylinder engine, which made its debut in the supersport F3, finds an ideal position within the Brutale 675 after receiving a number of modifications that adapts it perfectly to sport/street use that typifies the Brutale.

The engine is incredibly narrow and shorter than any of its competitors thanks to a unique layout of the internal components. With a large 79mm bore and an ultra-short 45,9mm stroke, the three cylinder MV Agusta is a power plant with an extremely oversquare layout that allows it to rev to previously unheard of levels.

The Brutale 675 has a maximum power of 115 hp at 12.500 rpm and 71 Nm of torque at 10.600 rpm, but even more important is the huge spread of power and torque throughout the entire rev range and the over-rev after max power that allow the rider to hold a gear even longer if required. Even more important than the peak power is the fact that it is very linear and controllable in all situations. Thanks to this configuration, the three cylinder is an engine capable of taking on city traffic as well as screaming up your favorite mountain road.

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As with the F3, the Brutale 675 utilizes a counter-rotating crankshaft which has only been seen on MotoGP motorcycles, this important design feature helps the Brutale reach previously unreached levels of dynamic balance and ease of handling.

The compact dimensions and reduced weight of the engine place it at the top of the naked category and make the MV Agusta Brutale 675 truly unique, destined to become a milestone thanks to the technical solutions incorporated such as the closed deck shell mold cast crankcase with integrated cylinders and the MVICS. Another important detail is the fact that the oil and water pumps and circuits have been completely integrated into the crankcases which has a big impact on efficiency and the clean lines that are fundamental on a naked bike. Brutale 675, the most powerful Italian three cylinder ever.

## **ELECTRONICS**

The most advanced electronic engine control system ever seen on a middle-weight naked has been designed specifically for this extraordinary new three cylinder. A system of fuel injection that is extremely sophisticated with a 47mm throttle body for perfect combustion at all rpm's. The MVICS system that allows the engine to unleash a record level of power and control in every situation. The rider can select one of the 4 maps available, or customize an additional map to obtain the power delivery desired. With the MVICS system it was possible to generate a perfect harmony between the power delivery and the traction control which offers 8 levels of adjustment and is accessible through the input on the left handlebar and dashboard interface.

## **FRAME**

The Brutale 675 confirms the fact that MV Agusta is always capable of developing an extremely easy and intuitive chassis while at the same time offering the maximum performance. The upper section is fabricated from steel tubes and connected to the aluminum side plates which mate with the engine.

The realization of all new MV Agusta models is a synergy between the work of the chassis and engine designers. The ultra-short engine allowed the chassis designers to develop an extremely short and agile bike mated with a long single-sided swingarm that helps put the power to the ground.

## **SUSPENSION**

The optimum performance of the suspension was a very important point during the development of the Brutale 675. Even a "simple" naked motorcycle needs to have the best that the market offers in terms of suspension performance. The 43mm upside-down front forks offer feedback that leads the competition and allow the rider to easily take on even the most challenging city streets or tortuous mountain roads with confidence. The rear suspension works through a progressive linkage and has adjustable spring pre-load with 123mm of rear wheel travel.

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## **BRAKES**

The best technology currently available is utilized on the MV Agusta Brutale 675, including Brembo radial calipers and Nissin master cylinders with integrated reservoirs underlining the supersport intentions of the project. The 320mm front disks are the same as those employed on the F3 and offer incredible stopping power that is also completely controllable in all situations.

The new BRUTALE 675 will be presented at the 2011 EICMA (stand P30 – Hall 2) and will be available from authorized dealers starting in march 2012. It will be available in 3 color combinations: Red/Silver, Pearl White/Matt Gold and Matt Magno Grey/Matt Anthrocite for 8.990€ (Every country could have a price variation due to local import duties and taxes).

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