



Motorcycle Art
SINCE 1945



BRUTALE FAMILY



MV AGUSTA THE ART OF THE SENSES

A work of art is a creation that goes beyond pure technicality or simple aesthetics. A work of art engages every one of the human senses, even the soul, lifting the beholder. The work of art possesses an indomitable, visceral power that captures those who enjoy it and leaves an indelible mark, creating a sense of wonderment, disbelief, and rapture. Creating an incomparable connection between work of art and human being. Prepare your senses to discover MV Agusta. Motorcycle Art.



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BRUTALE R
EVERY DETAIL IS PURE DESIGN



DESIGN WHEN THE DETAILS COUNT

With its taut lines, perfectly integrated front and rear volumes and meticulous attention to detail, the Brutale family has always stood out for its design. Excelling in its performance, output range, weight and record-breaking measurements and delivering 112 hp and 85 Nm of torque, the in-line three-cylinder engine is enveloped by the iconic, simple and extremely lightweight frame with steel trellis tube structure. Adding to this are refined aluminium side plates, which are redesigned to further boost the riding dynamics. The pursuit of perfection is evident from every point of view, whether stationary or travelling at full speed.



- 1_ METALLIC FAIRING
- 2_ 5.5" TFT DISPLAY WITH UPDATED SOFTWARE
- 3_ MARZOCCHI FORK + BREMBO FOUR-PISTON BRAKE CALIPER
- 4_ NEW RIDE-BY-WIRE ELECTRONIC TWIST GRIP WITH COUNTER ROTATION (SEE PAGE 15)
- 5_ ICONIC THREE-OUTLET SILENCER
- 6_ FRONT SUSPENSION WITH OPTIMISED SETTINGS



- 1_ HEADLIGHT DETAIL AND DEDICATED GRAPHICS
- 2_ VALVE GUIDES AND CAM FOLLOWERS WITH DLC COATING TO REDUCE INTERNAL FRICTION AND IMPROVE PERFORMANCE (SEE PAGE 17)
- 3_ NEW RIDER SEAT, MORE ERGONOMIC AND COMFORTABLE
- 4_ REAR LIGHT DETAIL
- 5_ REAR SHOCK WITH OPTIMISED SETTINGS
- 6_ MV EAS 3.0 ELECTRONIC QUICK SHIFT (ELECTRONICALLY ASSISTED SHIFT UP & DOWN)



3	CYLINDERS	798	TOTAL DISPLACEMENT (cm ³)	112*	MAX. POWER - RPM (hp)	237**	MAXIMUM SPEED (km/h)	175	DRY WEIGHT (kg)	-	RACING KIT	•	MV EAS 3.0	-	LAUNCH CONTROL	-	FRONT LIFT CONTROL	-	SCS (SMART CLUTCH SYSTEM)	-	FORK SLEEVE WITH TREATMENT	•	ABS CORNERING	•	RIDE BY WIRE	•	COUNTER BALANCE SHAFT	•	MV RIDE APP	•	GPS SENSOR	•	CRUISE CONTROL	•	MOBISAT ANTI-THEFT SYSTEM	-
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4 YEAR WARRANTY
8 KM Unlimited Km Warranty

*Limited power version (35 kW) available on demand, only for European market.
 ** Top speed attained on closed course.



BRUTALE RR
POWER. MORE IS BETTER



RR FUN IS GUARANTEED

According to MV Agusta tradition, the RR acronym represents the very best in combined performance. With the Brutale, it serves to identify the most compete sports naked on the market, an uncompromising thrill-seeker. MV Agusta designers have pinpointed the ideal combination for exceptional dynamic performance, on both track and road. Designed to ensure maximum performance, the Brutale RR has evolved thanks to new and exclusive technical content relating to the chassis, electronics and engine. All of which extols the skills of the rider, who seeks total control and can now enjoy every inch of the asphalt in total freedom. Riding enjoyment is guaranteed.



- 1_ TWO-TONE TANK DETAIL
- 2_ 5.5" TFT DISPLAY WITH NEW UPDATED SOFTWARE AND STEERING DAMPER WITH 8-LEVEL MANUAL ADJUSTMENT SYSTEM
- 3_ FRONT SUSPENSION WITH OPTIMISED SETTINGS
- 4_ NEW RIDE-BY-WIRE ELECTRONIC TWIST GRIP WITH COUNTER ROTATION (SEE PAGE 15) + LAUNCH CONTROL FUNCTION
- 5_ REAR SHOCK WITH OPTIMISED SETTINGS
- 6_ FULL LED HEADLIGHT WITH CORNERING FUNCTION



1_ MARZOCCHI FORK, STANCHIONS WITH DLC COATING + FOUR-PISTON BREMBO M4.32 BRAKE CALIPER

2_ FIRE RED/INTENSE BLACK COLOUR VARIANT

3_ MV EAS 3.0 ELECTRONIC QUICK SHIFT (ELECTRONICALLY ASSISTED SHIFT UP & DOWN)

4_ AIR DUCT DETAIL

5_ ALUMINIUM ALLOY WHEELS

6_ COMFORT RIDER SEAT

7_ PIRELLI DIABLO ROSSO IV TYRES



WATCH THE VIDEO!



3	CYLINDERS	798	TOTAL DISPLACEMENT (cm ³)	140	MAX. POWER - RPM (hp)	244*	MAXIMUM SPEED (km/h)	175	DRY WEIGHT (kg)	-	RACING KIT	•	MV EAS 3.0	•	LAUNCH CONTROL	•	FRONT LIFT CONTROL	-	SCS (SMART CLUTCH SYSTEM)	DLC	FORK SLEEVE WITH TREATMENT	•	ABS CORNERING	•	RIDE BY WIRE	•	COUNTER BALANCE SHAFT	•	MV RIDE APP	•	GPS SENSOR	•	CRUISE CONTROL	•	MOBISAT ANTI-THEFT SYSTEM
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* Top speed attained on closed course.



TECHNICAL INFORMATION



RIDE BY WIRE THE PERFECT FEELING

Present across all models, the new Ride by Wire electronic twist grip with 6° counter rotation drastically improves throttle sensation, for more intuitive and immediate motorcycle control. This is also thanks to new control algorithms, further refined to offer supersport levels of reactivity without being overly brusque. In its new configuration, the throttle control, together with the new control management, allows the rider to deactivate cruise control by simply closing the throttle (rather than having to brake, as was previously the case).

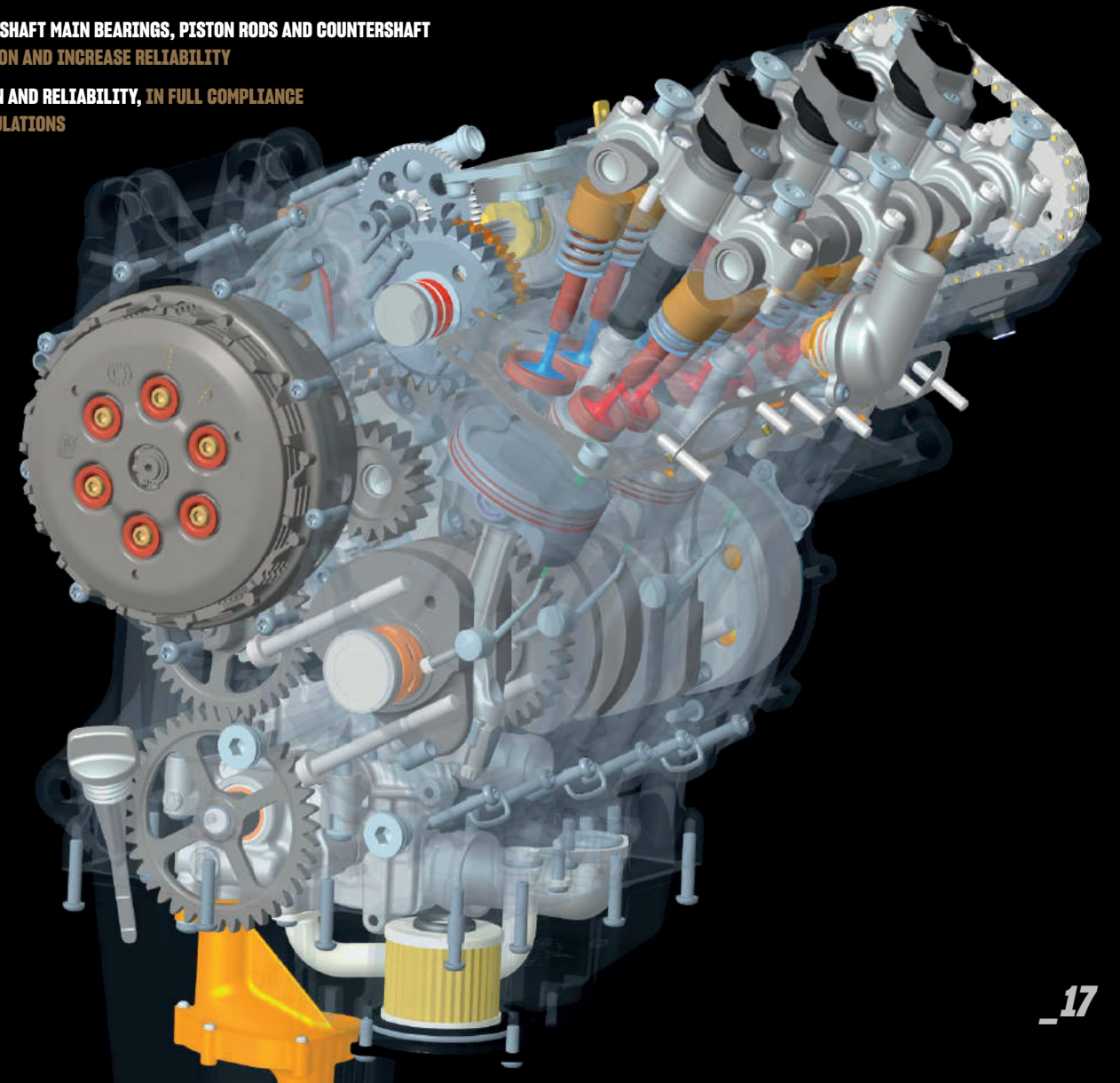




ENGINE 3 CYLINDERS THE HEART

Compact and high-performance, the three-cylinder engine is a cutting-edge mechanical gem of refined quality:

- COUNTER-ROTATING CRANKSHAFT
- VALVE GUIDES AND CAM FOLLOWERS WITH DLC COATING TO REDUCE INTERNAL FRICTION AND IMPROVE PERFORMANCE
- OPTIMISED CRANKSHAFT MAIN BEARINGS, PISTON RODS AND COUNTERSHAFT TO REDUCE FRICTION AND INCREASE RELIABILITY
- BETTER OPERATION AND RELIABILITY, IN FULL COMPLIANCE WITH EURO 5 REGULATIONS





ENGINE



SAFETY



SETTING

CUSTOM MAP MANAGEMENT

THE *MV RIDE APP* CONNECTED BIKE

MV Ride App is the simple, intuitive solution that provides access to a multitude of functions. The application allows MV Agusta owners to customise the riding experience. A totally new level of connectivity between rider and machine. The most popular functions allow the user to change the set-up, modify the control parameters and monitor bike behaviour.



CONNECTED BIKE

- MV RIDE APP INTERFACE FOR IOS AND ANDROID OPERATING SYSTEMS
- TURN-BY-TURN NAVIGATION
- DATA ACQUISITION AND TRIP RECORDING:
 - GPS ROUTE DATA
 - THROTTLE, LEAN ANGLE, GEAR AND SPEED DATA
 - PHOTO GEOLOCALIZATION AND VISUALIZATION
- TRIP SHARING WITH FRIENDS AND FAMILY
- CUSTOM MAP MANAGEMENT
- INTEGRATED GPS MODULE
- INTEGRATED BLUETOOTH MODULE
- INTEGRATED WIFI MODULE FOR DASHBOARD SOFTWARE UPDATES



TECHNICAL DATA

BRUTALE R LIMITED POWER VERSION (35 KW) AVAILABLE ONLY FOR EUROPEAN MARKET

ENGINE	
Type	Three cylinders, 4 stroke, 12 valves
Total displacement	798 cm ³ (48.7 cu. in.)
Bore x stroke	79 mm x 54.3 mm (3.1 in. x 2.1 in.)
Max. power - rpm (at the crankshaft)**	82 kW (112 hp) at 11.000 rpm
Max. torque - rpm	85 Nm (8.67 kgm) at 8.500 rpm
Electronic quick shift	MV EAS 3.0 (Electronically Assisted Shift Up & Down)
Clutch	Multi-disk wet clutch with hydraulic actuation and back torque limiting device

DIMENSIONS AND WEIGHT	
Wheelbase	1.400 mm (55.12 in.)
Overall length	2.045 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 (385.80 lbs.)
Fuel tank capacity	16,5 l (4.36 U.S. gal)

PERFORMANCE	
Maximum speed* - Acceleration*	237.0 km/h (147.2 mph) 0-100 km/h in 3.75 s 0-200 km/h in 12.30 s

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.)
Wheel 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	130 mm (5.12 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	Continental MK100 with RLM (Rear Wheel Lift-up Mitigation) and with cornering function

WHEELS/TYRES	
Front	Aluminium alloy 3.50" x 17" - 120/70 - ZR 17 M/C (58 W)
Rear	Aluminium alloy 5.50" x 17" - 180/55 - ZR 17 M/C (73 W)

FAIRING	
Material	Thermoplastic

CONTENTS	
Exclusive content	MV Ride App - GPS Sensor - Bluetooth - Cruise control

EMISSIONS	
Environmental Standard	Euro 5
Combined fuel consumption	5.1 l/100 km
CO ₂ Emissions	117 g/km



BRUTALE R: METALLIC CARBON BLACK (GLOSS)



BRUTALE R: METALLIC MADNESS RED (GLOSS)/ METALLIC CARBON BLACK (GLOSS)

* Top speed attained on closed course.
** Limited power version (35 kW) available on demand only for european market.

BRUTALE RR

ENGINE	
Type	Three cylinders, 4 stroke, 12 valves
Total displacement	798 cm ³ (48.7 cu. in.)
Bore x stroke	79 mm x 54.3 mm (3.1 in. x 2.1 in.)
Max. power - rpm (at the crankshaft)	103 kW (140 hp) at 12.300 rpm
Max. torque - rpm	87 Nm (8.87 kgm) at 10.250 rpm
Electronic quick shift	MV EAS 3.0 (Electronically Assisted Shift Up & Down)
Clutch	Multi-disk wet clutch with hydraulic actuation and back torque limiting device

DIMENSIONS AND WEIGHT	
Wheelbase	1.400 mm (55.12 in.)
Overall length	2.045 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 (385.80 lbs.)
Fuel tank capacity	16,5 l (4.36 U.S. gal)

PERFORMANCE	
Maximum speed* - Acceleration*	244.0 km/h (151.6 mph) 0-100 km/h in 3.45 s 0-200 km/h in 9.90 s

FRAME	
Type	ALS Steel tubular trellis
Rear swing arm pivot plates material	Aluminium alloy

FRONT SUSPENSION	
Type	Marzocchi "Upside down" telescopic hydraulic fork with DLC treatment, anodized fork legs and rebound-compression damping and spring preload external and separate adjustment

Fork dia.	43 mm (1.69 in.)
Wheel 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	130 mm (5.12 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 monobloc, with 4 pistons Ø 32 mm (Ø 1.26 in.)
Rear brake	Single steel disc with Ø 220 mm (Ø 8.66 in.) dia.
Front brake caliper	Brembo with 2 pistons - Ø 34 mm (Ø 1.34 in.)
ABS System	Continental MK100 with RLM (Rear Wheel Lift-up Mitigation) and with cornering function

WHEELS/TYRES	
Front	Aluminium alloy 3.50" x 17" - 120/70 - ZR 17 M/C (58 W)
Rear	Aluminium alloy 5.50" x 17" - 180/55 - ZR 17 M/C (73 W)

FAIRING	
Material	Thermoplastic

CONTENTS	
Exclusive content	Steering damper manually adjustable with 8 settings - MV Ride App - GPS Sensor - Cruise control - Launch control - FLC (Front Lift Control) - Mobisat anti-theft system with geolocation

EMISSIONS	
Environmental Standard	Euro 5
Combined fuel consumption	5.9 l/100 km
CO ₂ Emissions	138 g/km



BRUTALE RR: SURREAL WHITE (GLOSS)/ FIRE RED (GLOSS)



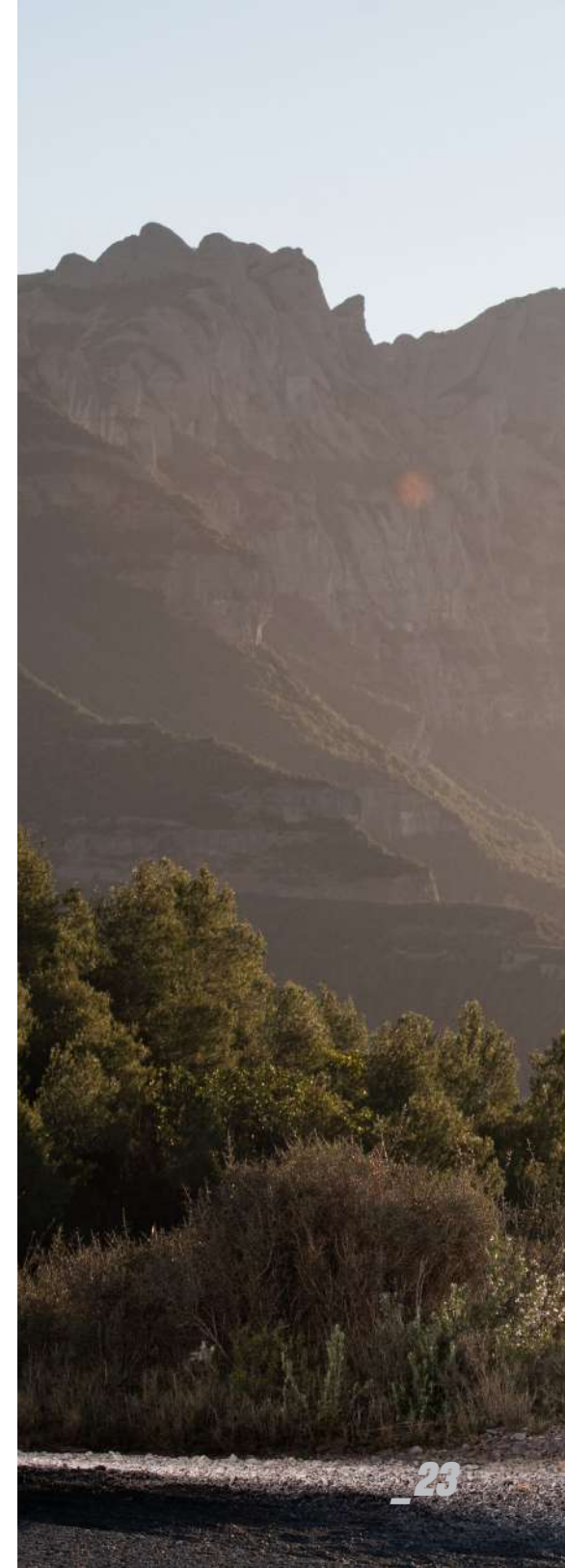
BRUTALE RR: FIRE RED (GLOSS)/ INTENSE BLACK (GLOSS)

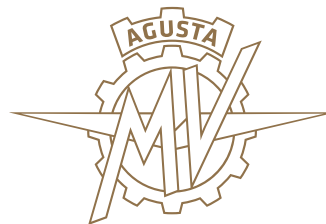




COMPONENTS

	BRUTALE R	BRUTALE RR
RACING KIT	•	•
FULL LED HEADLIGHT	•	•
FULL LED HEADLIGHT WITH CORNERING FUNCTION	•	•
FRONT FORK WITH TIN COATING	•	•
FRONT FORK WITH DLC COATING	•	•
SCS 3.0 - SMART CLUTCH SYSTEM	•	•
LAUNCH CONTROL (LC)	•	•
TRACTION CONTROL (TC)	•	•
FRONT LIFT CONTROL (FLC)	•	•
CRUISE CONTROL & SPEED LIMITER	•	•
ABS WITH CORNERING FUNCTION	•	•
RLM - REAR WHEEL LIFT-UP MITIGATION	•	•
MVCSC - MV CHASSIS STABILITY CONTROL	•	•
MV EAS 3.0	•	•
TWIST GRIP WITH COUNTER ROTATION	•	•
COUNTER BALANCE SHAFT - COUNTER SHAFT	•	•
RIDE BY WIRE	•	•
GPS SENSOR	•	•
MV RIDE APP	•	•
MOBISAT ANTI-THEFT WITH GEOLOCATION	•	•
SADDLEBAGS	•	•
REDUCED VERSION - 35 KW	•	•





Motorcycle Art
SINCE 1945



BRUTALE 1000
FAMILY



MV AGUSTA THE ART OF THE SENSES

A work of art is a creation that goes beyond pure technicality or simple aesthetics. A work of art engages every one of the human senses, even the soul, lifting the beholder. The work of art possesses an indomitable, visceral power that captures those who enjoy it and leaves an indelible mark, creating a sense of wonderment, disbelief, and rapture. Creating an incomparable connection between work of art and human being. Prepare your senses to discover MV Agusta. Motorcycle Art.



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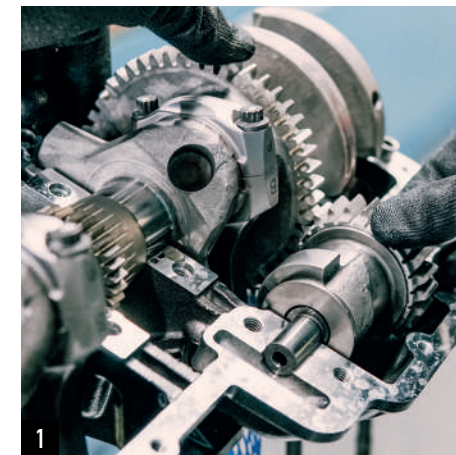
BRUTALE 1000 RS
THE UNMISTAKABLE SOUND OF EXCITEMENT

BRUTALE 1000 RS



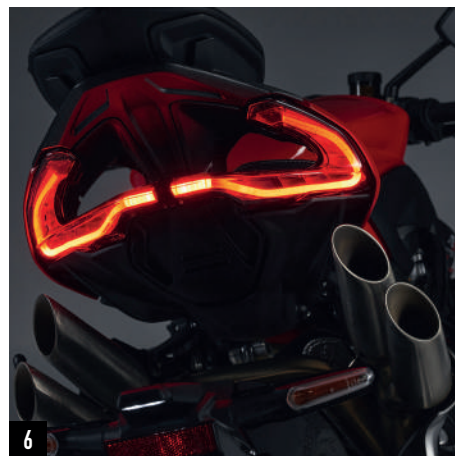
THE POWER OF SOUND

The unmistakable sound of the Brutale RS engine is increasingly advanced and refined thanks to the most important upgrade - the addition of the countershaft, which brings benefits in terms of both riding comfort and reliability. And less vibration means that components last longer, particularly the electronic elements. As with the three-cylinder engines, the valve buckets have a DLC coating to reduce internal friction and improve performance. The cam profile has been redesigned to optimise the availability of torque, while the radial valves are in titanium. Countless refinements, with which to hear the sound of your excitement.



- 1_ NEW COUNTERSHAFT GROUP REDUCES VIBRATION BY 54% (SEE PAGE 23)
- 2_ 5.5" TFT DISPLAY WITH NEW UPDATED SOFTWARE
- 3_ MARZOCCHI FORK, STANCHIONS WITH DLC COATING + FOUR-PISTON BREMBO STYLEMA BRAKE CALIPER
- 4_ ÖHLINS EC STEERING DAMPER WITH ELECTRONIC ADJUSTMENT SYSTEM WITH AUTOMATIC AND MANUAL OPERATION
- 5_ NEW RIDE-BY-WIRE ELECTRONIC TWIST GRIP WITH COUNTER ROTATION (PAGE 21) + LAUNCH CONTROL FUNCTION
- 6_ FULL LED HEADLIGHT WITH CORNERING FUNCTION

BRUTALE 1000 RS



- 1_ AIR DUCT DETAIL AND DEDICATED GRAPHICS
- 2_ SACHS REAR SHOCK WITH OPTIMISED SETTINGS
- 3_ PIRELLI DIABLO SUPERCORSA TYRES
- 4_ MV EAS 3.0 ELECTRONIC QUICK SHIFT (ELECTRONICALLY ASSISTED SHIFT UP & DOWN)
- 5_ REDESIGNED RIDER SEAT, MORE ERGONOMIC AND COMFORTABLE
- 6_ FULL LED REAR LIGHTS + FOUR SILENCERS



4	CYLINDERS	998	208	OVER 300*	186	-	•	•	•	-	DLC	•	•	•	•	•	•	
	TOTAL DISPLACEMENT (cm ³)		MAX. POWER - RPM (hp)	MAXIMUM SPEED (km/h)	DRY WEIGHT (kg)	RACING KIT	MV EAS 3.0	LAUNCH CONTROL	FRONT LIFT CONTROL	SCS (SMART CLUTCH SYSTEM)	FORK SLEEVE WITH TREATMENT	ABS CORNERING	RIDE BY WIRE	COUNTER BALANCE SHAFT	MV RIDE APP	GPS SENSOR	CRUISE CONTROL	MOBISAT ANTI-THEFT SYSTEM

4 YEAR
8 KM
 Unlimited Km
 Warranty

24
 7
 Roadside
 Assist

* Top speed attained on closed course.



BRUTALE 1000 RR
THE EXTREME HYPER NAKED

BRUTALE 1000 RR



1_ NEW COUNTERSHAFT GROUP REDUCES VIBRATION BY 54% (SEE PAGE 23)

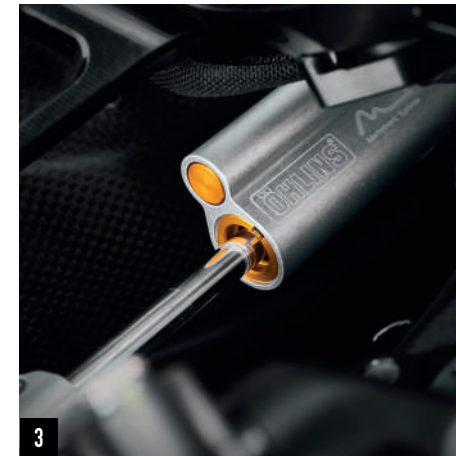
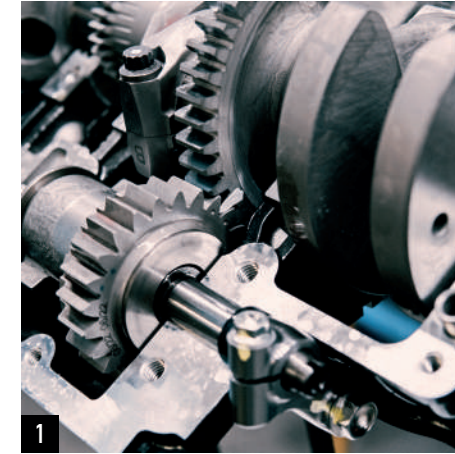
2_ 5.5" TFT DISPLAY WITH NEW UPDATED SOFTWARE

3_ ÖHLINS EC STEERING DAMPER WITH ELECTRONIC ADJUSTMENT SYSTEM WITH AUTOMATIC AND MANUAL OPERATION

4_ ÖHLINS NIX EC FORK, STANCHIONS WITH TIN COATING + FOUR-PISTON BREMBO STYLEMA BRAKE CALIPER

5_ ELECTRONIC FRONT SUSPENSION DETAIL

6_ FULL LED HEADLIGHT WITH CORNERING FUNCTION

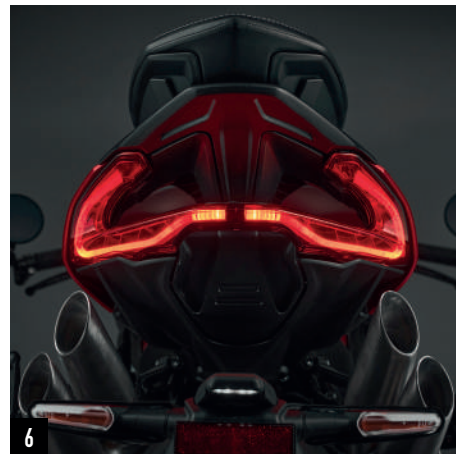
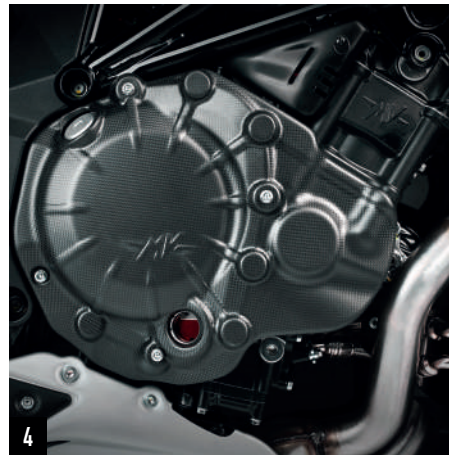


UNSURPASSED EMOTIONS

Today's Brutale 1000 continues to celebrate the legend that is the greatest sports naked of all time thanks to ongoing tests and development by the team of MV Agusta riders and engineers. The RR model is designed for those who get a kick out of extreme challenges, on both road and track. The already high-performance engine has been optimised to reduce friction with the introduction of the countershaft, while the materials selected are second to none, with significant use of titanium, in the conrods, exhaust and intake valves, as well as carbon. In line with the purest racing spirit, the traction and wheelie control algorithms are refined to heighten safety, without impacting on the already unbeatable level of performance.

BRUTALE 1000 RR

- 1_ CARBON AIR DUCT + DEDICATED GRAPHICS
- 2_ ÖHLINS EC TTX REAR SHOCK
- 3_ ORGAN PIPE EXHAUST TIPS
- 4_ TITANIUM RADIAL VALVES (SEE PAGE 25) + CARBON FIBRE ENGINE COVER
- 5_ RIDER SEAT DETAIL
- 6_ FULL LED REAR LIGHT
- 7_ ALUMINIUM ALLOY FORGED WHEELS
- 8_ BREMBO BRAKE PUMP DETAIL



WATCH THE VIDEO!



4	CYLINDERS	998	208	OVER 300*	186	-	•	•	•	-	TIN	•	•	•	•	•
	TOTAL DISPLACEMENT (cm ³)															
	MAX. POWER - RPM (hp)															
	MAXIMUM SPEED (km/h)															
	DRY WEIGHT (kg)															
	RACING KIT															
	MY EAS 3.0															
	LAUNCH CONTROL															
	FRONT LIFT CONTROL															
	SCS (SMART CLUTCH SYSTEM)															
	FORK SLEEVE WITH TREATMENT															
	ABS CORNERING															
	RIDE BY WIRE															
	COUNTER BALANCE SHAFT															
	MY RIDE APP															
	GPS SENSOR															
	CRUISE CONTROL															
	MOBISAT ANTI-THEFT SYSTEM															



* Top speed attained on closed course.

BRUTALE



BRUTALE 1000 RR ASSEN
PURE RACING LEGACY

BRUTALE 1000 RR ASSEN



35 VICTORIES LEGGENDA ITALIANA

The last MV Agusta victory at the Assen circuit, “The Cathedral of Speed”, dates back almost fifty years and yet MV is still the most successful Italian manufacturer around the legendary Dutch track, having amassed 35 race wins. Designed and presented in collaboration with the Classic GP Assen, the Brutale 1000 RR Assen pays tribute to these 35 victories that have become part of motorcycle legend. Hand-built as a numbered series of just 300, the Brutale 1000 RR Assen stands out for its sophisticated components, including Rotobox carbon rims, Alcantara seat and many other carbon parts. The pairing of Nordic Blue, Silver and Gold ensures this limited edition is a sight to behold, while the 208 hp engine creates a spine-tingling symphony.



1



2



3



4



5



6

1_ RACING KIT CONTAINING: TITANIUM ARROW RACING EXHAUST TAILPIPE AND DEDICATED ECU - CARBON FIBRE PASSENGER SEAT COVER- CNC RACING FUEL CAP - CNC BRAKE/CLUTCH LEVERS MOTORCYCLE COVER - WELCOME KIT WITH CERTIFICATE OF AUTHENTICITY

2_ TANK DETAIL WITH DEDICATED GRAPHICS AND (LIMITED EDITION) NUMBERED PLATE

3_ TITANIUM ARROW RACING EXHAUST TAILPIPE

4_ RAPID-RELEASE CNC RACING FUEL CAP

5_ CNC RACING BRAKE / CLUTCH LEVERS

6_ ALCANTARA® SEAT AND CARBON FIBRE SEAT COVER

BRUTALE 1000 RR ASSEN



WATCH THE VIDEO!



2



3



1



4



5



6

- 1_ ÖHLINS STEERING DAMPER
- 2_ ULTRA-LIGHTWEIGHT CARBON FIBRE ROTOBOX RIMS
- 3_ STANDARD EXHAUST DETAIL AND FULL-LED REAR LIGHT
- 4_ CARBON FRONT SPOILER
- 5_ TITANIUM RODS
- 6_ SEAT DESIGNED IN COLLABORATION WITH ALCANTARA®



4	CYLINDERS	TOTAL DISPLACEMENT (cm ³)	MAX. POWER - RPM (hp)	MAXIMUM SPEED (km/h)	DRY WEIGHT (kg)	RACING KIT	MY EAS 3.0	LAUNCH CONTROL	FRONT LIFT CONTROL	SCS (SMART CLUTCH SYSTEM)	FORK SLEEVE WITH TREATMENT	ABS CORNERING	RIDE BY WIRE	COUNTER-BALANCE SHAFT	MY RIDE APP	GPS SENSOR	CRUISE CONTROL	MOBISAT ANTI-THEFT SYSTEM	LIMITED EDITION
		998	208 - 212**	OVER 300*	183 - 180**	•	•	•	•	•	TIN	•	•	•	•	•	•	•	300 UNITS

*Speed attained on closed course**
 **Racing Kit version, with Arrow exhaust and ECU map





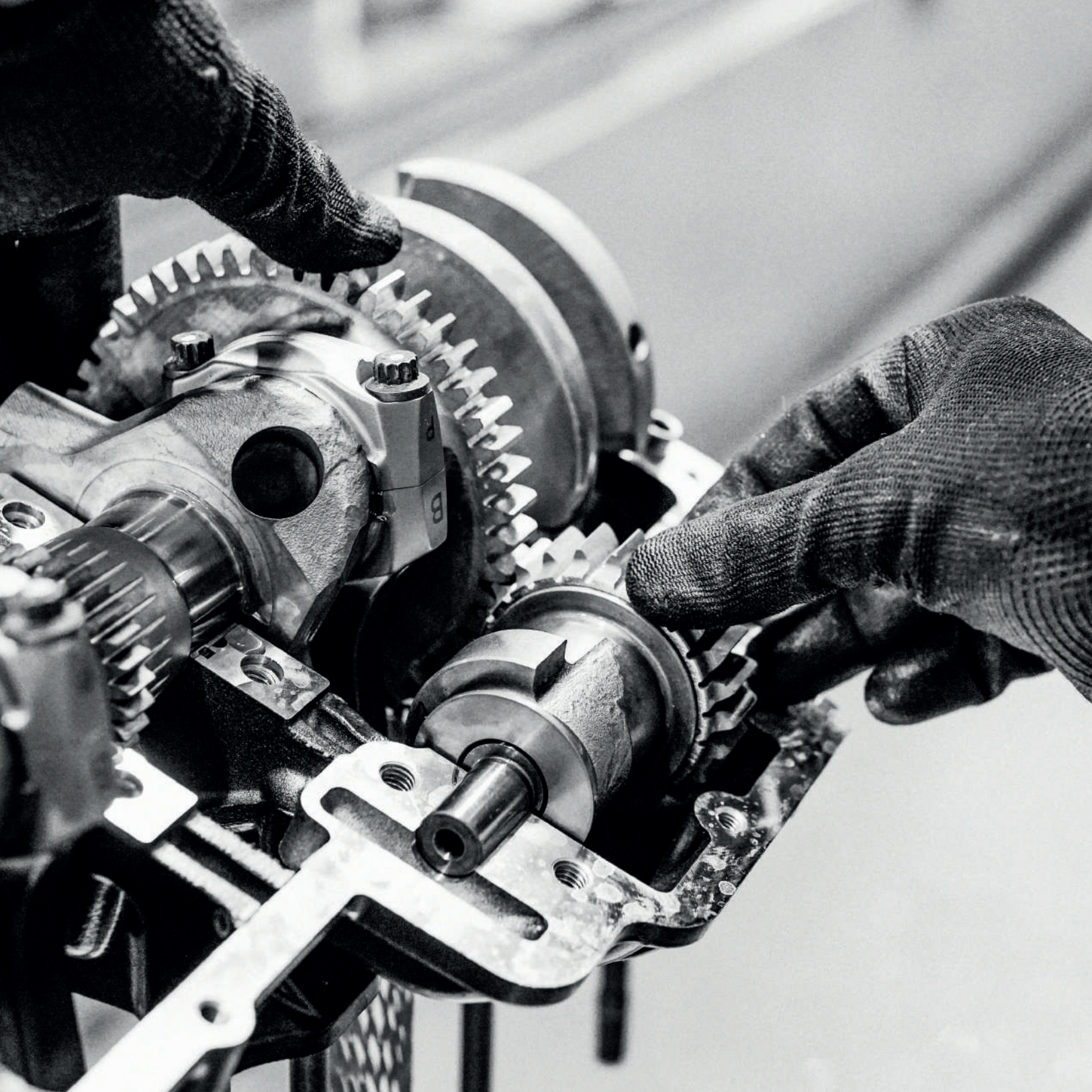
TECHNICAL INFORMATION



RIDE BY WIRE THE PERFECT FEELING

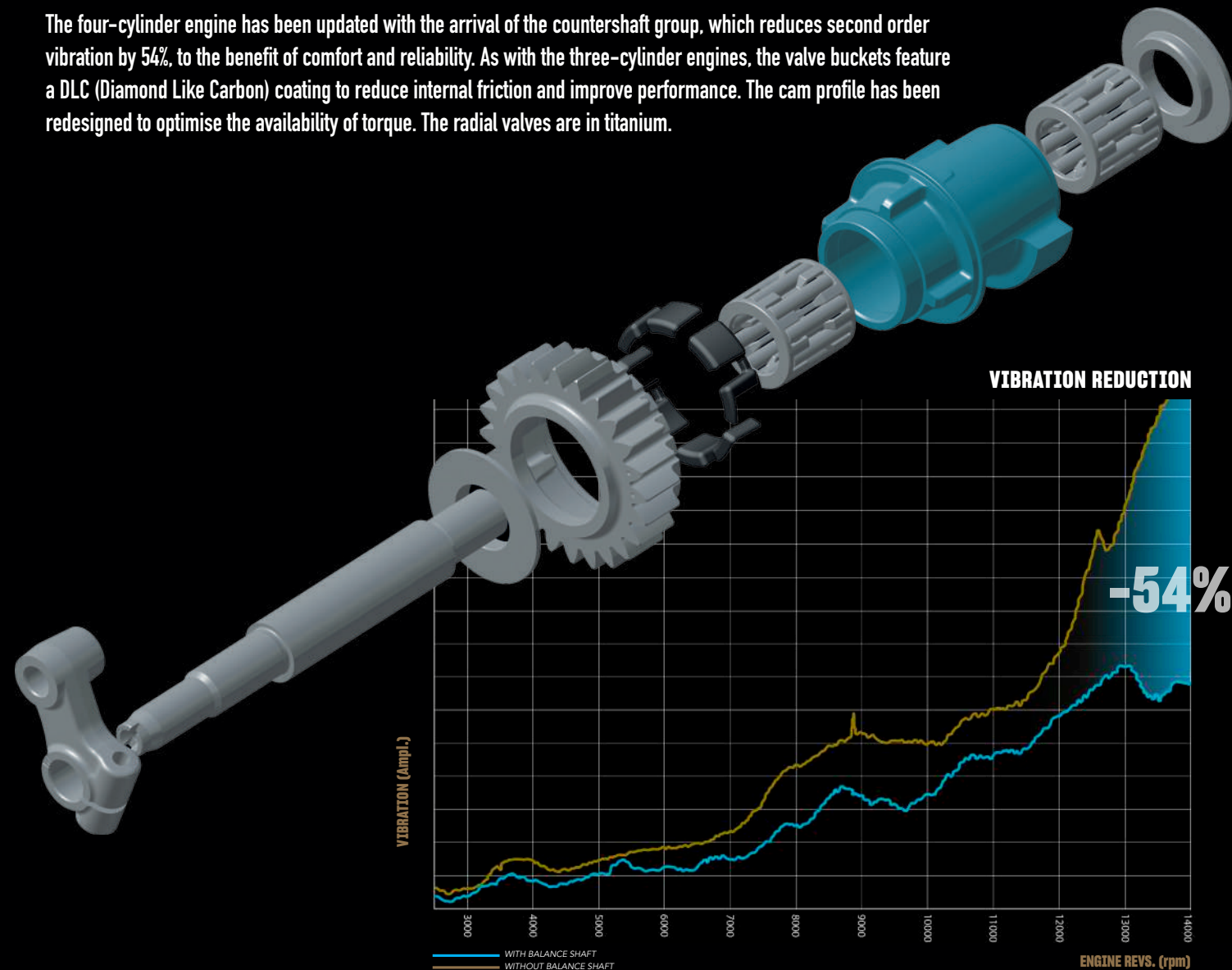
Present across all models, the new Ride by Wire electronic twist grip with 6° counter rotation drastically improves throttle sensation, for more intuitive and immediate motorcycle control. This is also thanks to new control algorithms, further refined to offer supersport levels of reactivity without being overly brusque. In its new configuration, the throttle control, together with the new control management, allows the rider to deactivate cruise control by simply closing the throttle (rather than having to brake, as was previously the case).





COUNTER BALANCE SHAFT THE GOOD VIBRATION

The four-cylinder engine has been updated with the arrival of the countershaft group, which reduces second order vibration by 54%, to the benefit of comfort and reliability. As with the three-cylinder engines, the valve buckets feature a DLC (Diamond Like Carbon) coating to reduce internal friction and improve performance. The cam profile has been redesigned to optimise the availability of torque. The radial valves are in titanium.

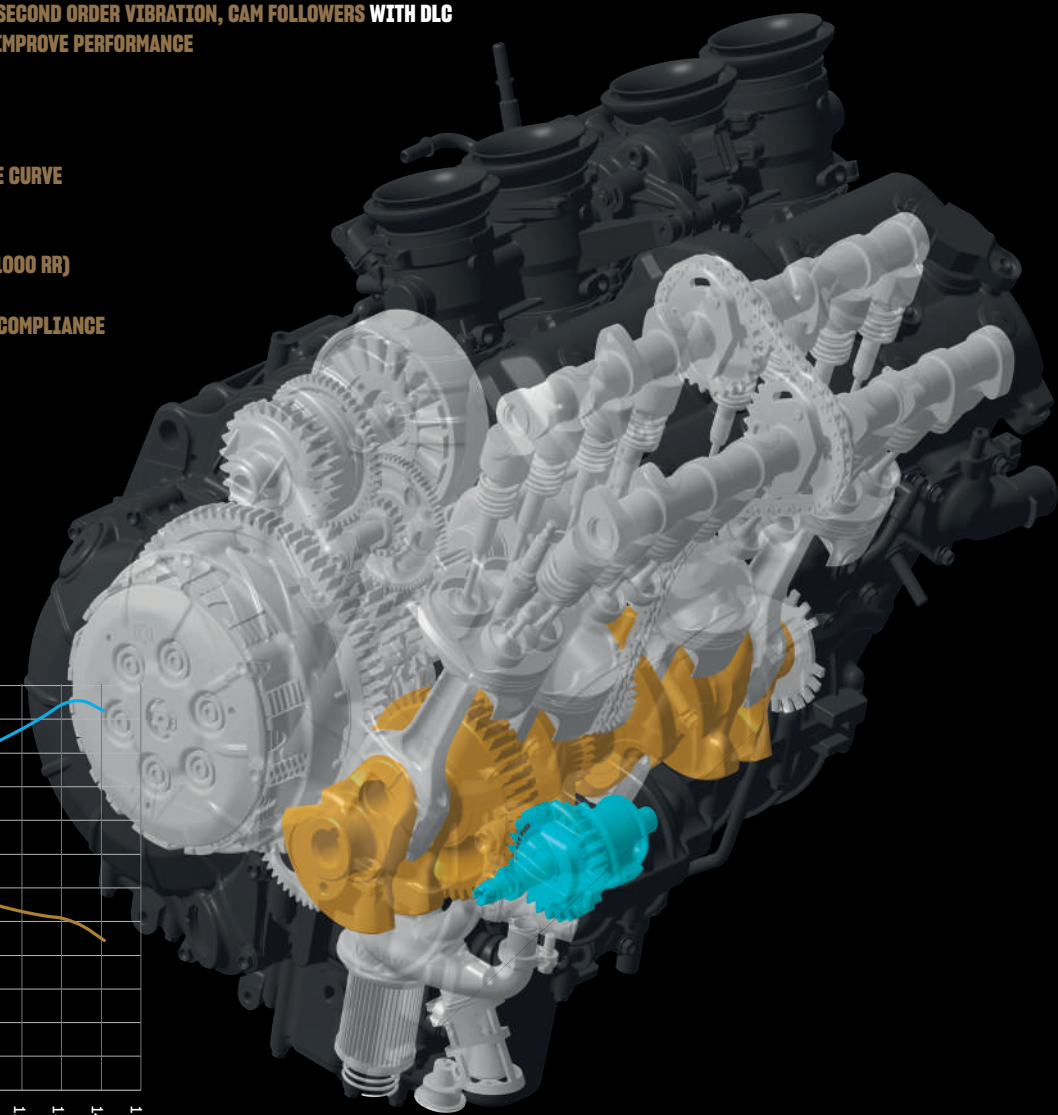




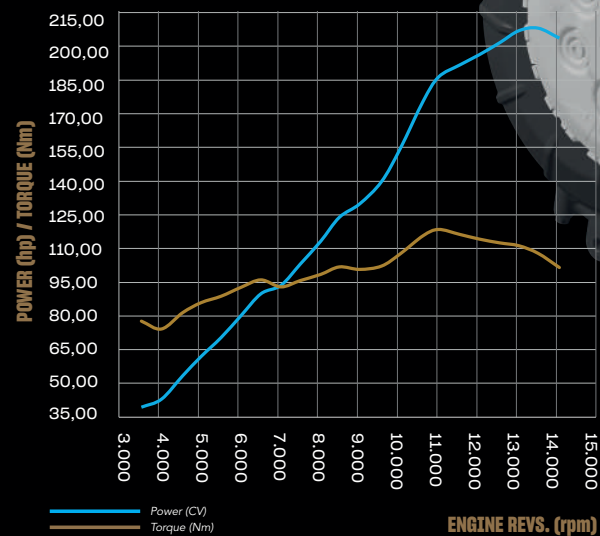
ENGINE 4 CYLINDERS THE HEART

Every four-cylinder engine conceals real passion for the most advanced technology:

- NEW ENGINE WITH COUNTERSHAFT TO REDUCE SECOND ORDER VIBRATION, CAM FOLLOWERS WITH DLC COATING TO REDUCE INTERNAL FRICTION AND IMPROVE PERFORMANCE
- TITANIUM PISTON RODS
- 16 RADIALLY POSITIONED TITANIUM VALVES
- CAM PROFILE TIMING TO OPTIMISE THE TORQUE CURVE
- UPDATED EXHAUST MANIFOLD
- CARBON FIBRE ENGINE PROTECTION (BRUTALE 1000 RR)
- BETTER OPERATION AND RELIABILITY, IN FULL COMPLIANCE WITH EURO 5 REGULATIONS



POWER & TORQUE



TECHNICAL DATA

BRUTALE 1000 RS

ENGINE	
Type	Four cylinders, 4 stroke, 16 valves with countershaft
Total displacement	998 cm ³ (60.9 cu. in.)
Bore x stroke	79 mm x 50.9 mm (3.1 in. x 2.0 in.)
Max. power - rpm (at the crankshaft)	153.0 kW (208 hp) at 13.000 rpm
Max. torque - rpm	116.5 Nm (11.9 kgm) at 11.000 rpm
Electronic quick shift	MV EAS 3.0 (Electronically Assisted Shift Up & Down)
Clutch	Wet, multi-disk with back torque limiting device and Brembo radial master cylinder/lever assembly
DIMENSIONS AND WEIGHT	
Wheelbase	1.415 mm (55.71 in.)
Overall length	2.080 mm (81.89 in.)
Overall width	805 mm (31.69 in.)
Saddle height	845 mm (33.27 in.)
Min. ground clearance	141 mm (5.55 in.)
Trail	97 mm (3.82 in.)
Dry weight	186 kg (410.06 lbs.)
Fuel tank capacity	16 l (4.23 U.S. gal.)
PERFORMANCE	
Maximum speed* - Acceleration*	over 300 km/h (186 mph) 0-100 km/h in 3.15 s 0-200 km/h in 8.30 s
FRAME	
Type	CrMo Steel tubular trellis
Rear swing arm pivot plates material	Aluminium alloy - Adjustable swingarm pivot height
FRONT SUSPENSION	
Type	Marzocchi "upside-down" telescopic hydraulic fork with DLC treatment and adjustable rebound-compression damping and external spring preload.
Fork dia.	50 mm (1.97 in.)
Wheel travel	120 mm (4.72 in.)
REAR SUSPENSION	
Type	Progressive, Sachs single shock absorber with rebound and compression
Single sided swing arm material	Aluminium alloy
Wheel travel	120 mm (4.72 in.)
BRAKES	
Front brake	Double floating disc with Ø 320 mm (Ø 12.6 in.) diameter, with steel braking disc and aluminium flange - Brembo radial master cylinder/lever assembly
Front brake caliper	Brembo Stylema radial-type monobloc, single-piece with 4 pistons Ø 30 mm (Ø 1.18 in.)
Rear brake	Single steel disc with Ø 220 mm (Ø 8.66 in.) dia. - Brembo PS13 brake master cylinder
Rear brake caliper	Brembo with 2 pistons Ø 34 mm (Ø 1.34 in.)
ABS System	Continental MK100 with RLM (Rear Wheel Lift-up Mitigation) and with cornering function
WHEELS/TYRES	
Front	Aluminium alloy 3.50" x 17" - 120/70 - ZR 17 M/C (58 W)
Rear	Aluminium alloy 6.00" x 17" - 200/55 - ZR 17 M/C (78 W)
FAIRING	
Material	Thermoplastic
CONTENTS	
Steering damper	Öhlins EC with electronic manual and automatic adjustment modes
Exclusive features	Lighter crankshaft - New combustion chamber - Lighter pistons - Titanium connecting rods - Dashboard TFT 5.5" color display - Cruise control - Bluetooth GPS - MV Ride App for navigation mirroring, app-controlled engine, suspension and rider aids setup - Launch Control - FLC (Front Lift Control) - Mobisat anti-theft system with geolocation
EMISSIONS	
Environmental Standard	Euro 5
Combined fuel consumption	6.8 l/100 km
CO ₂ Emissions	158 g/km



BRUTALE 1000 RS: NARDÒ GREY (GLOSS)/
MATT METALLIC DARK GREY



BRUTALE 1000 RS: AGO RED (GLOSS)/
MATT METALLIC DARK GREY

* Speed attained on closed course.

BRUTALE 1000 RR

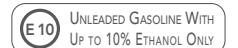
ENGINE	
Type	Four cylinders, 4 stroke, 16 valves, with countershaft
Total displacement	998 cm ³ (60.9 cu. in.)
Bore x stroke	79 mm x 50.9 mm (3.1 in. x 2.0 in.)
Max. power - rpm (at the crankshaft)	153.0 kW (208 hp) at 13.000 rpm
Max. torque - rpm	116.5 Nm (11.9 kgm) at 11.000 rpm
Electronic quick shift	MV EAS 3.0 (Electronically Assisted Shift Up & Down)
Clutch	Wet, multi-disk with back torque limiting device and Brembo radial master cylinder/lever assembly
DIMENSIONS AND WEIGHT	
Wheelbase	1.415 mm (55.71 in.)
Overall length	2.080 mm (81.89 in.)
Overall width	805 mm (31.69 in.)
Saddle height	845 mm (33.27 in.)
Min. ground clearance	141 mm (5.55 in.)
Trail	97 mm (3.82 in.)
Dry weight	186 kg (410.06 lbs.)
Fuel tank capacity	16 l (4.23 U.S. gal.)
PERFORMANCE	
Maximum speed* - Acceleration*	over 300 km/h (186 mph) 0-100 km/h in 3.15 s 0-200 km/h in 8.30 s
FRAME	
Type	CrMo Steel tubular trellis
Rear swing arm pivot plates material	Aluminium alloy - Adjustable swingarm pivot height
FRONT SUSPENSION	
Type	Öhlins Nix EC hydraulic "upside down" front fork with TIN superficial treatment. Completely adjustable with electronically controlled compression and rebound damping with manually controlled spring preload.
Fork dia.	43 mm (1.69 in.)
Wheel travel	120 mm (4.72 in.)
REAR SUSPENSION	
Type	Progressive, Öhlins EC TTX single shock absorber completely adjustable with electronically controlled compression and rebound damping and spring preload
Single sided swing arm material	Aluminium alloy
Wheel travel	120 mm (4.72 in.)
BRAKES	
Front brake	Double floating disc with Ø 320 mm (Ø 12.6 in.) diameter, with steel braking disc and aluminium flange - Brembo radial master cylinder/lever assembly
Front brake caliper	Brembo Stylema radial-type monobloc, single-piece with 4 pistons Ø 30 mm (Ø 1.18 in.)
Rear brake	Single steel disc with Ø 220 mm (Ø 8.66 in.) dia. - Brembo PS13 brake master cylinder
Rear brake caliper	Brembo with 2 pistons Ø 34 mm (Ø 1.34 in.)
ABS System	Continental MK100 with RLM (Rear Wheel Lift-up Mitigation) and with cornering function
WHEELS/TYRES	
Front	Forged aluminium alloy 3.50" x 17" - 120/70 - ZR 17 M/C (58 W)
Rear	Forged aluminium alloy 6.00" x 17" - 200/55 - ZR 17 M/C (78 W)
FAIRING	
Material	Carbon fiber and thermoplastic material
CONTENTS	
Steering damper	Öhlins EC with electronic manual and automatic adjustment modes
Carbon components	Air-box cover - Dashboard harness cover - RH/LH central panel for fuel tank - RH/LH side panel for fuel tank - Central and lateral cover for projector - Clutch and gearbox covers RH/LH external air intake
Exclusive features	Lighter crankshaft - New combustion chamber - Lighter pistons - Titanium connecting rods - Dashboard TFT 5.5" color display - Cruise control - Bluetooth GPS - MV Ride App for navigation mirroring, app-controlled engine, suspension and rider aids setup - Launch Control - FLC (Front Lift Control) - Mobisat anti-theft system with geolocation
EMISSIONS	
Environmental Standard	Euro 5
Combined fuel consumption	6.8 l/100 km
CO ₂ Emissions	158 g/km



BRUTALE 1000 RR: MATT HEDONIST RED/
MATT METALLIC CARBON BLACK



BRUTALE 1000 RR: MATT METALLIC
CARBON BLACK/MAMBA RED (GLOSS)/
MATT METALLIC DARK GREY



TECHNICAL DATA



BRUTALE 1000 RR ASSEN

ENGINE

Type	Four cylinders, 4 stroke, 16 valves, with countershaft
Total displacement	998 cm ³ (60.9 cu. in.)
Bore x stroke	79 mm x 50.9 mm (3.1 in. x 2.0 in.)
Max. power – rpm (at the crankshaft)	153.0 kW (208 hp) at 13.000 rpm – 156.0 kW (212 hp) at 13.600 rpm**
Max. torque – rpm	116.5 Nm (11.9 kgm) at 11.000 rpm
Electronic quick shift	MV EAS 4.0 (Electronically Assisted Shift Up & Down)
Clutch	Wet, multi-disk with back torque limiting device and Brembo radial master cylinder/lever assembly

DIMENSIONS AND WEIGHT

Wheelbase	1.415 mm (55.71 in.)
Overall length	2.080 mm (81.89 in.)
Overall width	805 mm (31.69 in.)
Saddle height	845 mm (33.27 in.)
Min. ground clearance	141 mm (5.55 in.)
Trail	97 mm (3.82 in.)
Dry weight	183 kg (403.45 lbs.) – 180 kg (396.83 lbs.)**
Fuel tank capacity	16 l (4.23 U.S. gal.)

PERFORMANCE

Maximum speed* – Acceleration*	over 300 km/h (186 mph) 0–100 km/h in 3.15 s 0–200 km/h in 8.30 s
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FRAME

Type	CrMo Steel tubular trellis
Rear swing arm pivot plates material	Aluminium alloy – Adjustable swingarm pivot height

FRONT SUSPENSION

Type	Öhlins Nix EC hydraulic “upside down” front forks with TIN superficial treatment. Completely adjustable with electronically controlled compression and rebound damping with manually controlled spring preload.
Fork dia.	43 mm (1.69 in.)
Wheel travel	120 mm (4.72 in.)

REAR SUSPENSION

Type	Progressive, Öhlins EC TTX single shock absorber completely adjustable with electronically controlled compression and rebound damping and spring preload
Single sided swing arm material	Aluminium alloy
Wheel travel	120 mm (4.72 in.)

BRAKES

Front brake	Double floating disc with Ø 320 mm (Ø 12.6 in.) diameter, with steel braking disc and aluminium flange – Brembo radial master cylinder/lever assembly
Front brake caliper	Brembo Stylema radial-type monobloc, single-piece with 4 pistons Ø 30 mm (Ø 1.18 in.)
Rear brake	Single steel disc with Ø 220 mm (Ø 8.66 in.) dia. – Brembo PS13 brake master cylinder
Rear brake caliper	Brembo with 2 pistons Ø 34 mm (Ø 1.34 in.)
ABS System	Continental MK100 with RLM (Rear Wheel Lift-up Mitigation) and with cornering function

WHEELS/TYRES

Front	Rotobox carbon fibre 3.50" x 17" – 120/70 – ZR 17 M/C (58 W)
Rear	Rotobox carbon fibre 6.00" x 17" – 200/55 – ZR 17 M/C (78 W)

FAIRING

Material	Carbon fiber and thermoplastic material
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CONTENTS

Steering damper	Öhlins EC with electronic manual and automatic adjustment modes
Carbon components	Air-box cover – Dashboard harness cover – RH/LH fuel tank panels – RH/LH side panels – Clutch and gearbox covers – Side headlight covers – Front headlight covers – Front spoiler – Front and rear wheels – Lower exhaust cover – LH/RH silencer covers passenger seat cover

Exclusive features

Lighter crankshaft – New combustion chamber – Lighter pistons – Titanium connecting rods – Dashboard TFT 5.5" color display Cruise control – Bluetooth – GPS – MV Ride App for navigation mirroring, app-controlled engine, suspension and rider aids setup Launch Control – FLC (Front Lift Control) – Mobisat anti-theft system with geolocation – Customized – Alcantara seats

RACING KIT**

Customized Racing Kit box containing: Arrow Titanium racing exhaust silencer and dedicated control unit – Carbon fiber passenger seat cover – CNC racing fuel cap – CNC brake/clutch levers – Customized motorcycle cover – Elegant welcome kit box with certificate of authenticity (Limited edition)

EMISSIONS

Environmental Standard	Euro 5
Combined fuel consumption	6.8 l/100 km
CO ₂ Emissions	158 g/km



BRUTALE 1000 RR ASSEN:
CERTIFICATE OF AUTHENTICITY

NEW
COLOR '23



BRUTALE 1000 RR ASSEN:
BLU NORDICO/ ARGENTO AGO



RACING KIT VERSION**



*Speed attained on closed course.
**Racing Kit version, with exhaust and ECU map.

COMPONENTS



	BRUTALE 1000 RS	BRUTALE 1000 RR	BRUTALE 1000 RR ASSEN
RACING KIT			
FULL LED HEADLIGHT			
FULL LED HEADLIGHT WITH CORNERING FUNCTION			
FRONT FORK WITH TIN COATING			
FRONT FORK WITH DLC COATING			
SCS 3.0 - SMART CLUTCH SYSTEM			
LAUNCH CONTROL (LC)			
TRACTION CONTROL (TC)			
FRONT LIFT CONTROL (FLC)			
CRUISE CONTROL & SPEED LIMITER			
ABS WITH CORNERING FUNCTION			
RLM - REAR WHEEL LIFT-UP MITIGATION			
MVCS - MV CHASSIS STABILITY CONTROL			
MV EAS 3.0			
TWIST GRIP WITH COUNTER ROTATION			
COUNTER BALANCE SHAFT - COUNTER SHAFT			
RIDE BY WIRE			
GPS SENSOR			
MV RIDE APP			
MOBISAT ANTI-THEFT WITH GEOLOCATION			
SADDLEBAGS			
REDUCED VERSION - 35 KW			

CONNECTED BIKE

- MV RIDE APP INTERFACE FOR IOS AND ANDROID OPERATING SYSTEMS
- TURN-BY-TURN NAVIGATION
- DATA ACQUISITION AND TRIP RECORDING:
 - GPS ROUTE DATA
 - THROTTLE, LEAN ANGLE, GEAR AND SPEED DATA
 - PHOTO GEOLOCALIZATION AND VISUALIZATION
- TRIP SHARING WITH FRIENDS AND FAMILY
- CUSTOM MAP MANAGEMENT
- INTEGRATED GPS MODULE
- INTEGRATED BLUETOOTH MODULE
- INTEGRATED WIFI MODULE FOR DASHBOARD SOFTWARE UPDATES

