

« Technical Data

ENGINE	
Type	Three cylinder, 4 stroke, 12 valve
Timing system	"D.O.H.C"
Total displacement	798 cm³ (48.7 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 12.000 r.p.m.
Max. torque - r.p.m.	84 Nm (8.6 kgm) at 8.600 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 with ion-sensing technology, control of detonation and misfire - Torque control with four maps, Traction Control with eight levels of intervention.

Electronic quick shift	MV EAS (Electronically Assisted Shift)
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Clutch	Wet, multi-disc
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

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

RIV800MY16A_UK

DIMENSIONS AND WEIGHT	
Wheelbase	1410 mm (55,51 in.)
Overall length	2070 mm (81,50 in.)
Overall width	885 mm (34,84 in.)
Saddle height	881 mm (34,69 in.)
Min. ground clearance	142 mm (5,59 in.)
Trail	104,5 mm (4,11 in.)
Dry weight	178 kg (392,4 lbs.)
Fuel tank capacity	16 l (4,23 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	150 mm (5,91 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.)

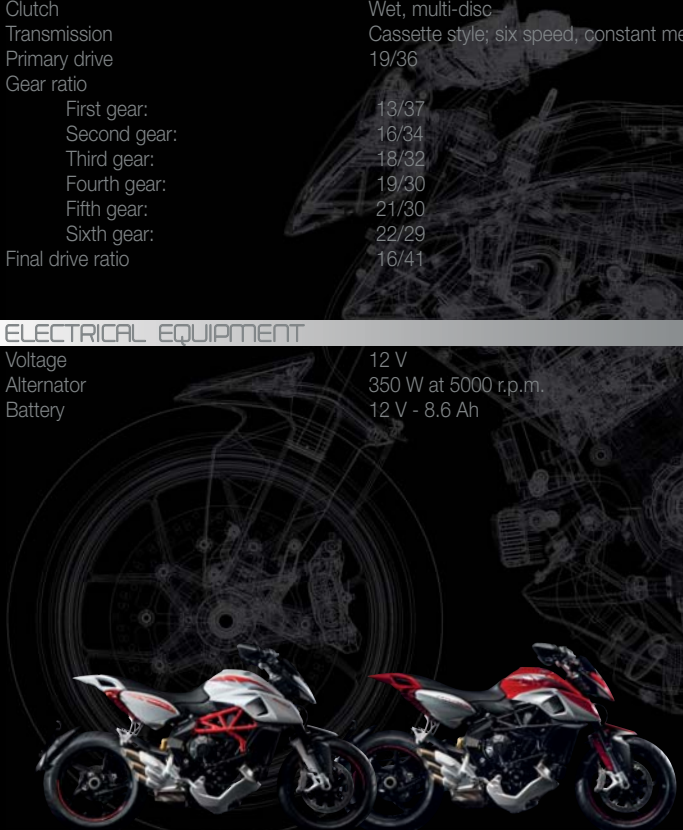
BRAKES	
Front brake	Double floating disc with Ø 320 mm (Ø 12,6 in.) diameter, with steel braking disc and flange
Front brake caliper	Brembo radial-type, with 4 pistons Ø 32 mm (Ø 1,26 in.)
Rear brake	Single steel disc with Ø 220 mm (Ø 8,66 in.) dia.
Rear brake caliper	Brembo with 2 pistons - Ø 34 mm (Ø 1,34 in.)
ABS System	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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ICE PEARL WHITE

RED/SILVER

Rivale 800, pure desire.

125 hp and a million emotions to be enjoyed to the full, bend after bend. Rivale is the interpretation of a new concept in motorcycling. Sensational performance yet perfect for everyday use. Perfect in every detail and a companion with which to share adventures, Rivale embodies desire to become reality, technology which sets new limits. Rivale 800, a new world.



RIVALE
800

Unrivalled technology.

Delight in its sensual lines and let the roar of the three cylinder engine wash over you. Why Settle for something less? Jump on the saddle. Rivale 800 challenges the imagination by recreating the unique magic of travelling on two wheels and rekindling the sheer joy of riding. All in just 178 kg.

Powerful but easy to manage: The brake system on the Rivale 800, equipped with ABS and RLM (Rear wheel Lift-up Mitigation), provides incredible deceleration thanks to the four-piston Brembo calipers acting on twin, race-bred front discs (320 mm diameter). The rear 220 mm disc perfectly complements its counterparts at the front and features a two-piston caliper. Braking therefore becomes not just a question of safety but a step forward in the dynamics of riding.



Innovation only counts when it's needed: In this case, Rivale makes no compromises despite its sublime elegance. Rivale 800 features exclusive lighting units thanks to sophisticated design and offers the rider superb visibility to further enhance passive safety. The use of LED technology is the key factor: these lights make brighter beautiful indicators, that clearly signify where the handlebars end. Also making the rear light cluster more efficient. All this with the unmistakable design of MV Agusta.

The three-cylinder MV Agusta engine is the most compact and lightest in the category weighing in at just 52 kg; a record breaking figure that is further enhanced by the elegance of its form. The oil and water circuits and their pumps are housed in the engine block while the removable six-speed gearbox lets riders personalise the gear ratios. The easily operated EAS (Electronically Assisted Shift) electronic shift system makes gear changes lightning fast.



RIVALE
800

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