



BRUTALE R

NEW
MODEL '23



METALLIC CARBON BLACK (GLOSS)

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MODEL '23



METALLIC MADNESS RED (GLOSS)/
METALLIC CARBON BLACK (GLOSS)

E10 UNLEADED GASOLINE WITH
UP TO 10% ETHANOL ONLY

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

Every country could have a price variation due to local import duties and taxes.

MY 23 - 19/05/23

ENGINE

Type	Three cylinders, 4 stroke, 12 valves
Timing system	"D.O.H.C" with mechanical chain tensioner and DLC tappet
Total displacement	798 cm ³ (48.7 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 - rpm (at the crankshaft)**	82 kW (112 hp) at 11.000 rpm
Max. torque - rpm	85 Nm (8.67 kgm) at 8.500 rpm
Cooling system	Cooling with separated liquid and oil radiators
Engine management system	Integrated ignition - injection system MVICS 2.1 (Motor & Vehicle Integrated Control System) with six injectors. Engine control unit Eldor Nemo 2.1, throttle body bore 47 mm diameters full ride 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 3.0 (Electronically Assisted Shift Up & Down)
Clutch	Multi-disk wet clutch with hydraulic actuation and back torque limiting device
Transmission	Cassette style; six speed, constant mesh
Primary drive	22/41
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 5.000 rpm
Battery	12 V - 8.5 Ah

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 (385.8 lbs.)
Fuel tank capacity	16,5 l (4.36 U.S. gal.)

PERFORMANCE

Maximum speed*	237.0 km/h (147.2 mph)
Acceleration*	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 Brembo radial-type monobloc, with 4 pistons Ø 32 mm (Ø 1.26 in.)
Front brake caliper	Single steel disc with Ø 220 mm (Ø 8.66 in.) dia. Brembo with 2 pistons - Ø 34 mm (Ø 1.34 in.)
Rear brake	Continental MK100 with RLM (Rear Wheel Lift-up Mitigation) and with cornering function
Rear brake caliper	
ABS System	

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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CONTENTS

Exclusive content	MV Ride App - GPS sensor - Bluetooth Cruise control
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OPTIONAL

The full Special Parts range is available on the MV Agusta website

EMISSIONS

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

MV Agusta is committed to the constant improvement of our products. Therefore the information and technical characteristics of the vehicles are subject to change without notice.