



BRUTALE 800

ENGINE

Type
Timing system

Total displacement
Compression ratio
Starting
Bore x stroke
Max. power – rpm (at the crankshaft)
Max. torque – rpm
Cooling system
Engine management system

Three cylinders, 4 stroke, 12 valves
“D.O.H.C” with mechanical chain tensioner and DLC tappet
798 cm³ (48.7 cu. in.)
12.3:1
Electric
79 mm x 54.3 mm (3.1 in. x 2.1 in.)
83 kW (113 hp) at 11.000 rpm
85 Nm (8.7 kgm) at 7.500 rpm
Cooling with separated liquid and oil radiators
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 and lean angle sensor

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
Primary drive
Gear ratio

Cassette style; six speed, constant mesh
22/41

First gear
Second gear
Third gear
Fourth gear
Fifth gear
Sixth gear

13/37
16/35
18/32
20/30
22/29
21/25

Final drive ratio

16/41

ELECTRICAL EQUIPMENT

Voltage
Alternator
Battery

12 V
350 W at 5.000 rpm
12 V – 8.5 Ah

DIMENSIONS AND WEIGHT

Wheelbase
Overall length
Overall width
Saddle height
Min. ground clearance
Trail
Mass in running order (without fuel)
Fuel tank capacity

1.400 mm (55.12 in.)
2.045 mm (80.51 in.)
875 mm (34.45 in.)
830 mm (32.68 in.)
135 mm (5.31 in.)
103.5 mm (4.07 in.)
194 kg (427.7 lbs.)
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
Rear swing arm pivot plates material

ALS Steel tubular trellis
Aluminium alloy

FRONT SUSPENSION

Type

Marzocchi “UPSIDE DOWN” telescopic hydraulic fork with rebound-compression damping and spring preload external and separate adjustment

Fork dia.
Wheel travel

43 mm (1.69 in.)
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
Wheel travel

Aluminium alloy
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 M4.32 radial-type, with 4 pistons Ø 32 mm (Ø 1.26 in.)
Single steel disc with Ø 220 mm (Ø 8.66 in.) dia.
Brembo with 2 pistons – Ø 34 mm (Ø 1.34 in.)

Front brake caliper

Rear brake
Rear brake caliper

ABS System

Continental MK100 with RLM (Rear Wheel Lift-up Mitigation) and with cornering function

WHEELS

Front: Material/size
Rear: Material/size

Aluminium alloy 3.50” x 17”
Aluminium alloy 5.50” x 17”

TYRES

Front
Rear

120/70 – ZR 17 M/C (58 W)
180/55 – ZR 17 M/C (73 W)

FAIRING

Material

Thermoplastic

CONTENTS

Exclusive content
22,31+

OPTIONAL

MV Ride App – GPS sensor – Bluetooth
Cruise control – Full led headlight – Advanced connectivity device, integrated anti-theft system with geolocation and emergency SMS

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

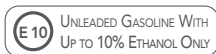
EMISSIONS

Environmental Standard

Euro 5+



MATT AGO RED



*Top speed attained on closed course.

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

MY 26_22/10/25



BRUTALE 800_USA MARKET

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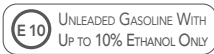
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MV Agusta is committed to the constant improvement of our products. Therefore the information and technical characteristics of the vehicles are subject to change without notice.